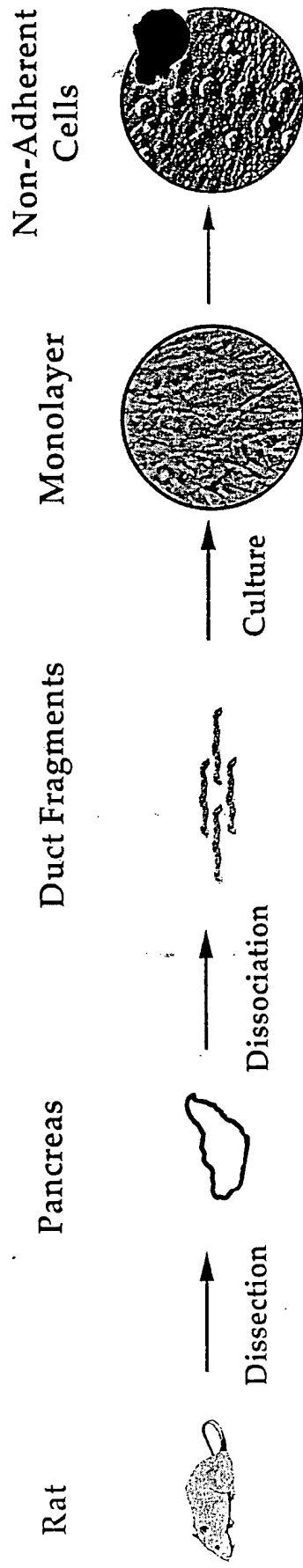


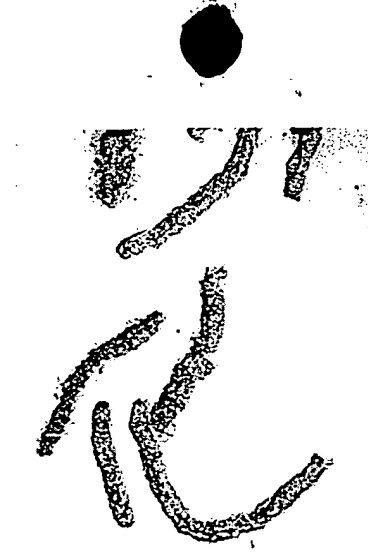
Isolation of Pure Pancreatic Ducts for Culture



Primary Digest



First Pick



Second Pick

Insulin-Positive Cells in Cultured Ducts over Time

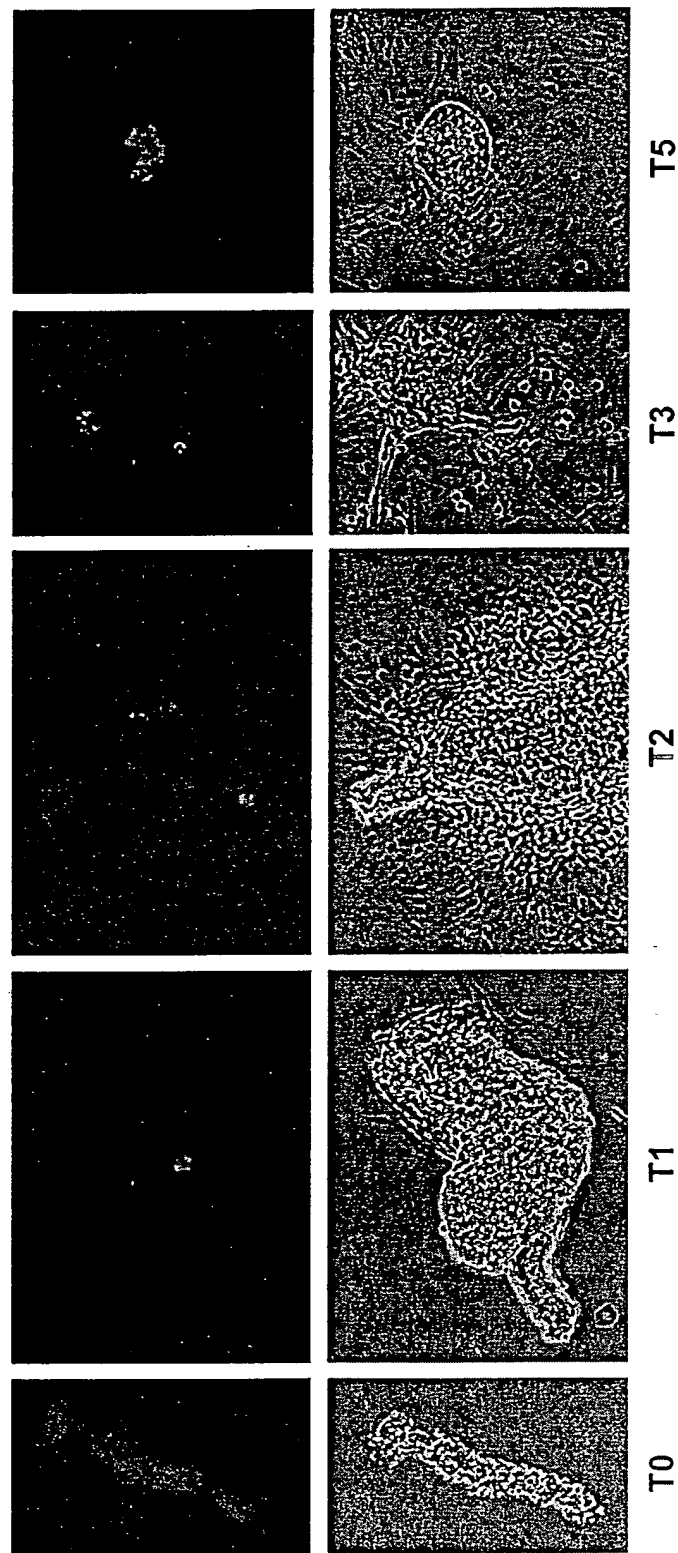


Figure 3

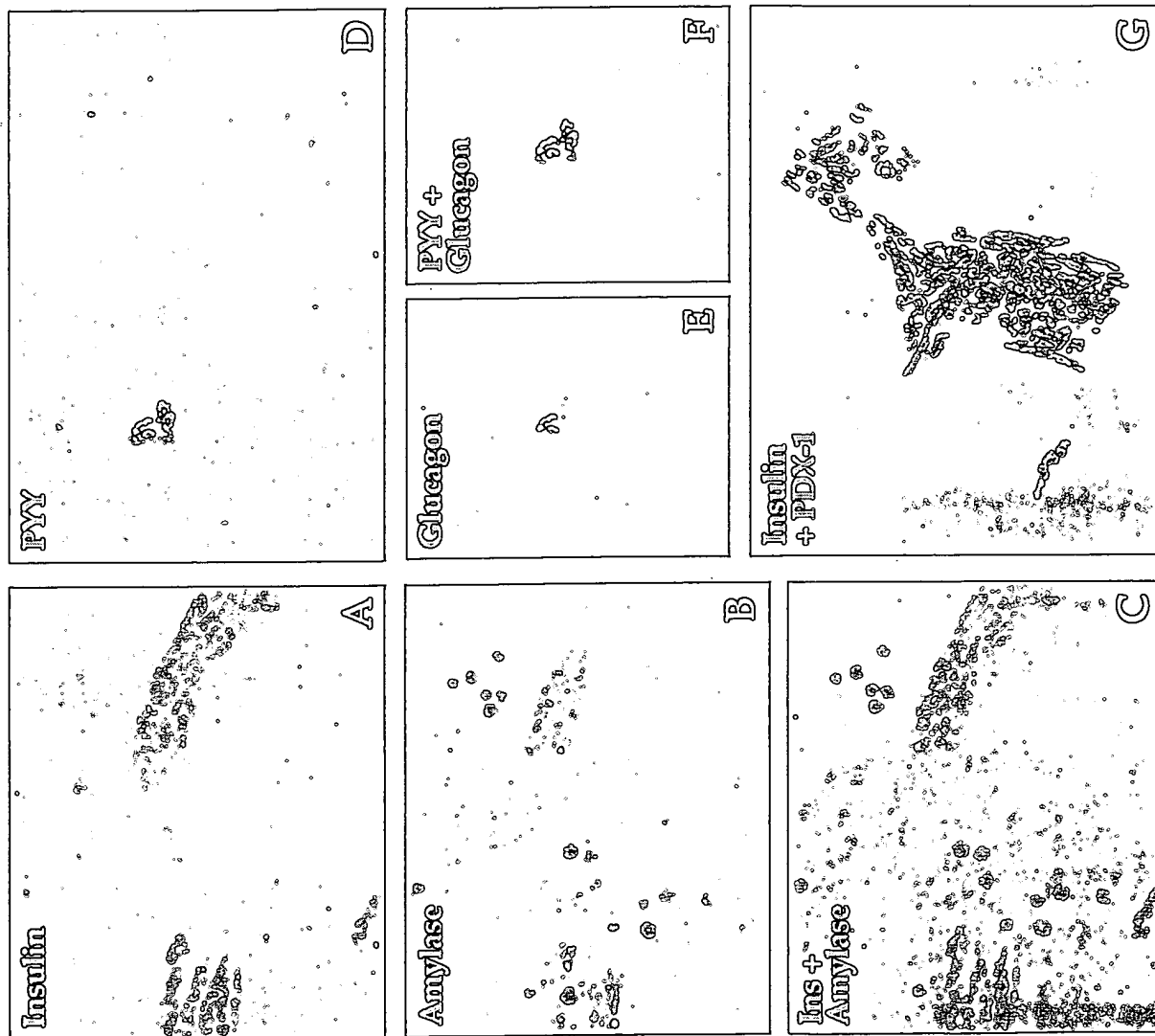
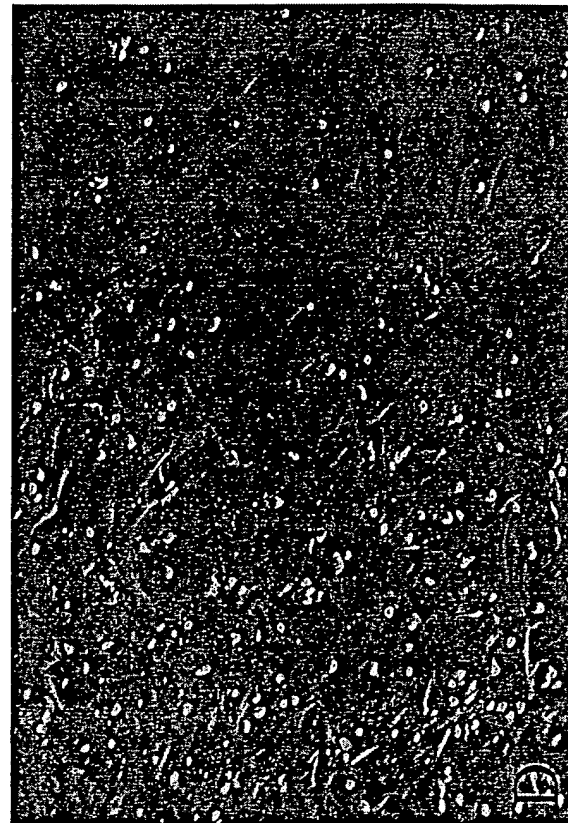


Figure 4



000000"04E5E960

Figure 5

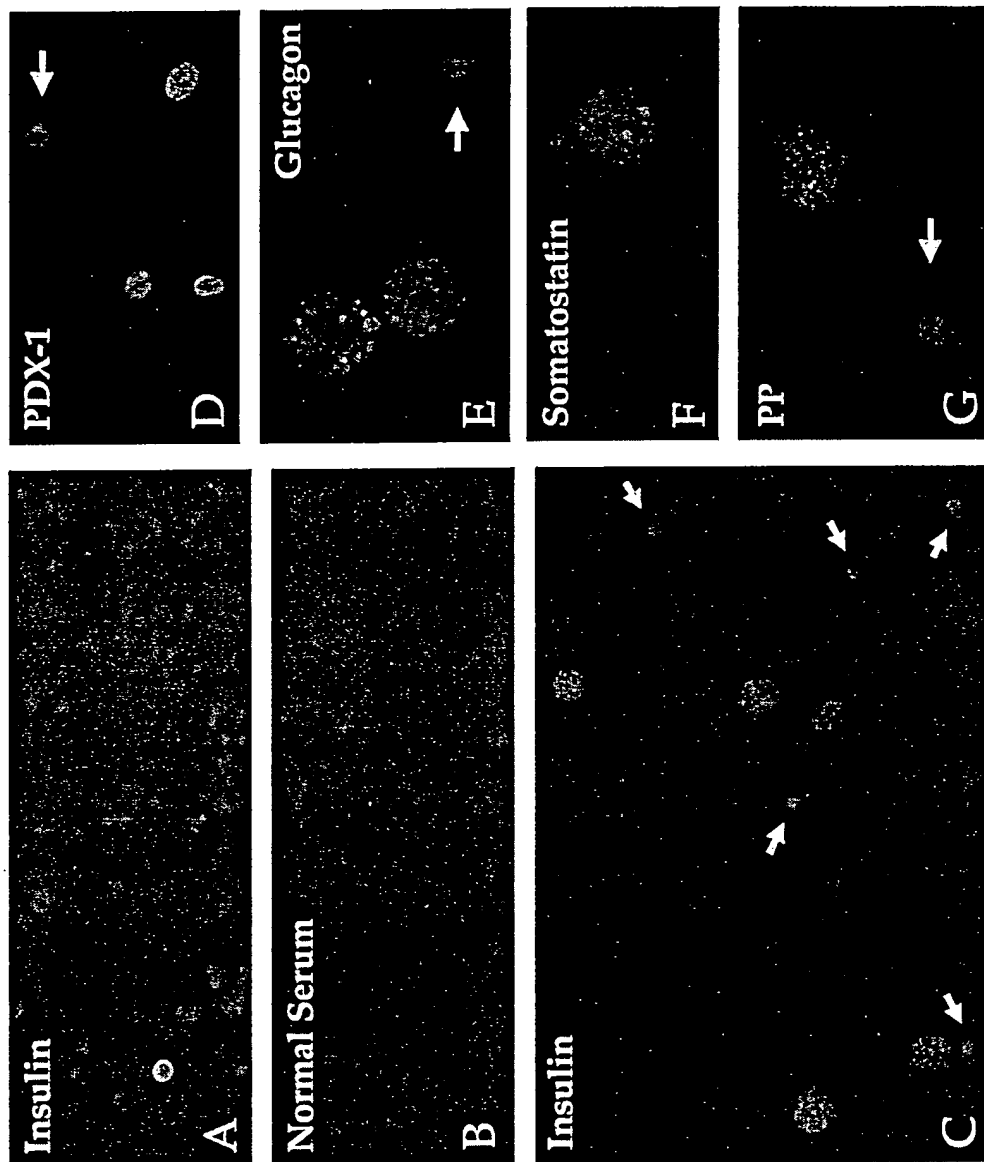


Figure 6

Single cell transcript profiling

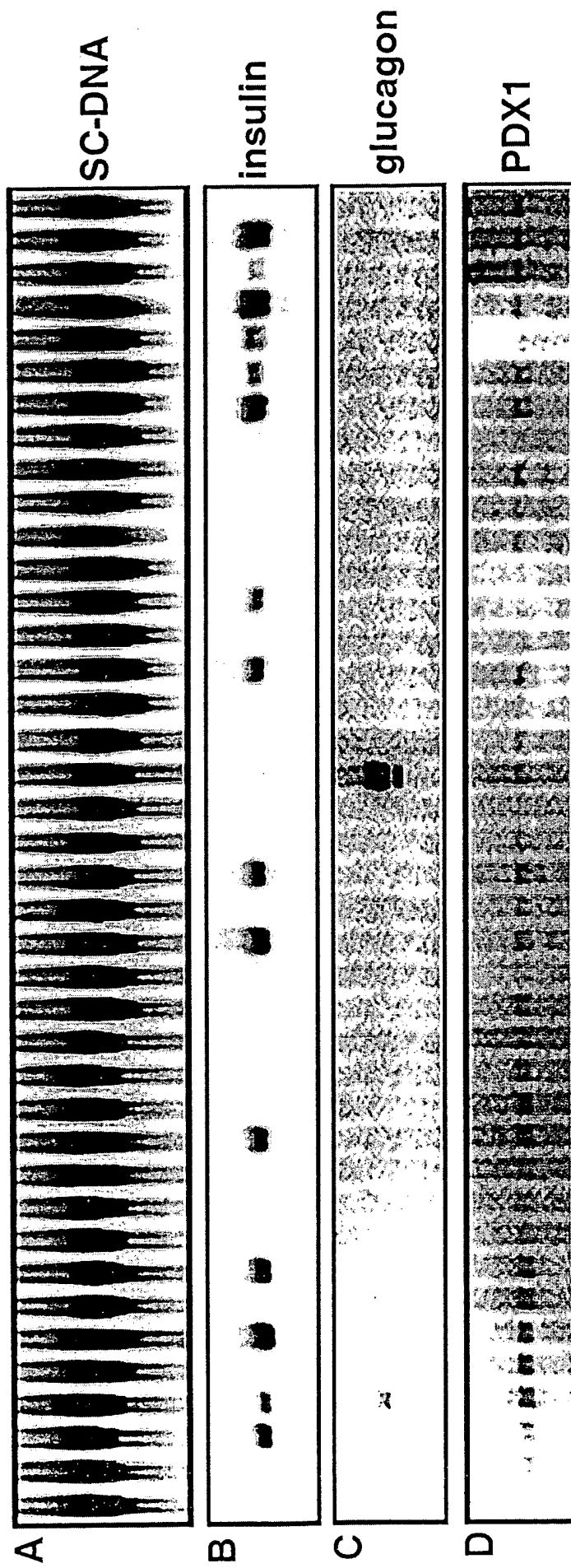
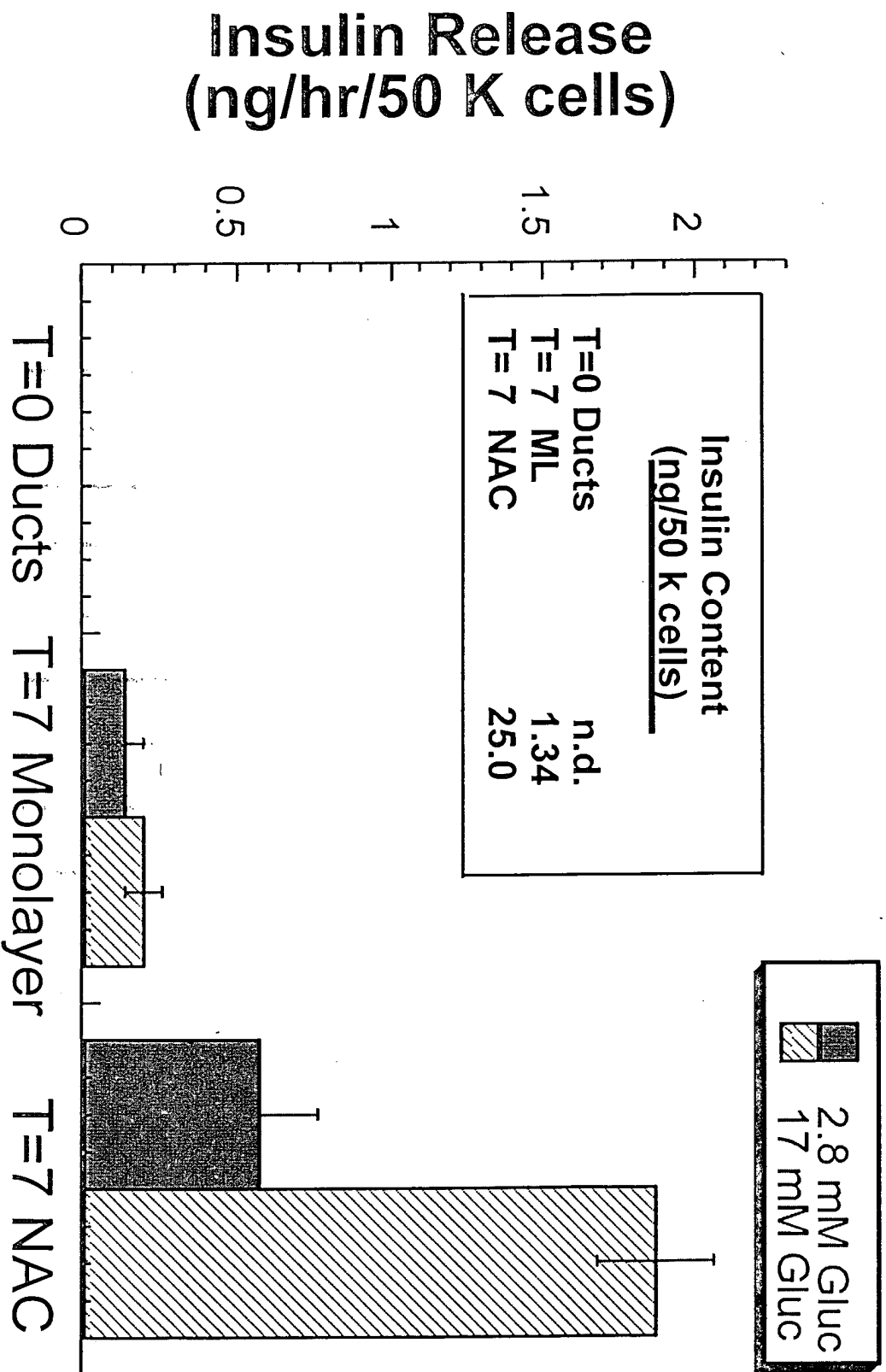


Figure 7

Glucose Stimulated Insulin Secretion



09635370.080500

Figure 8

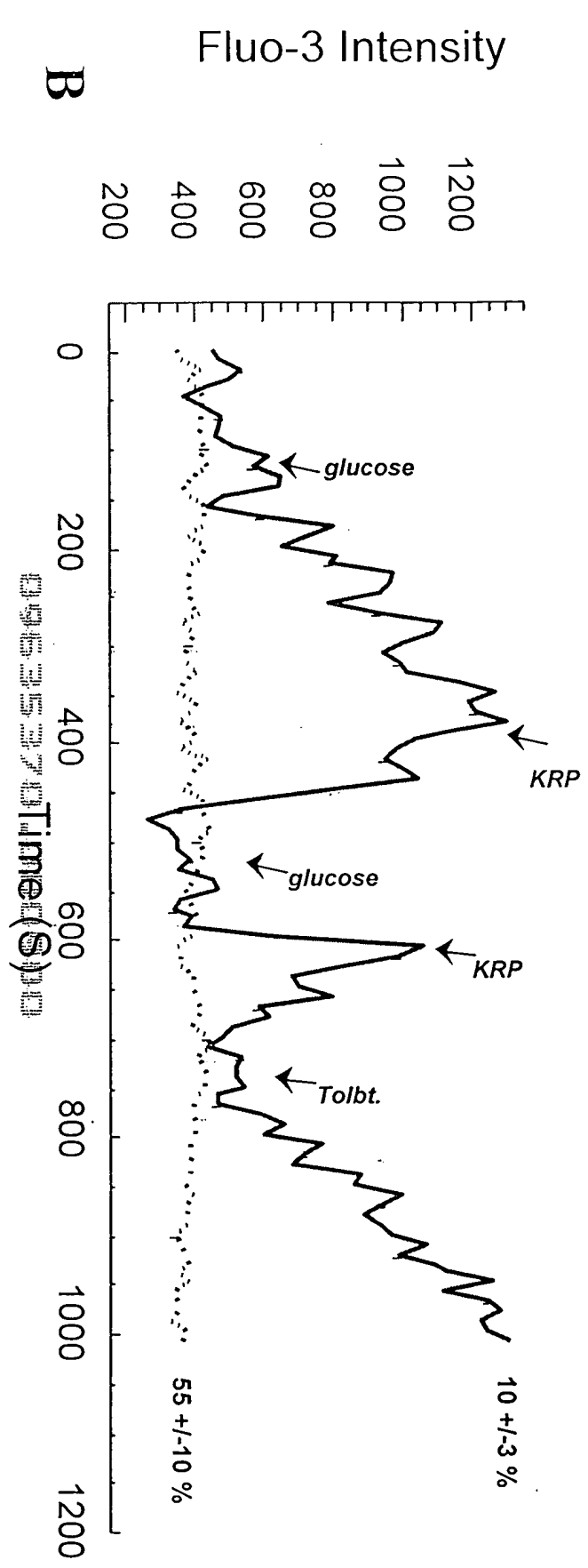
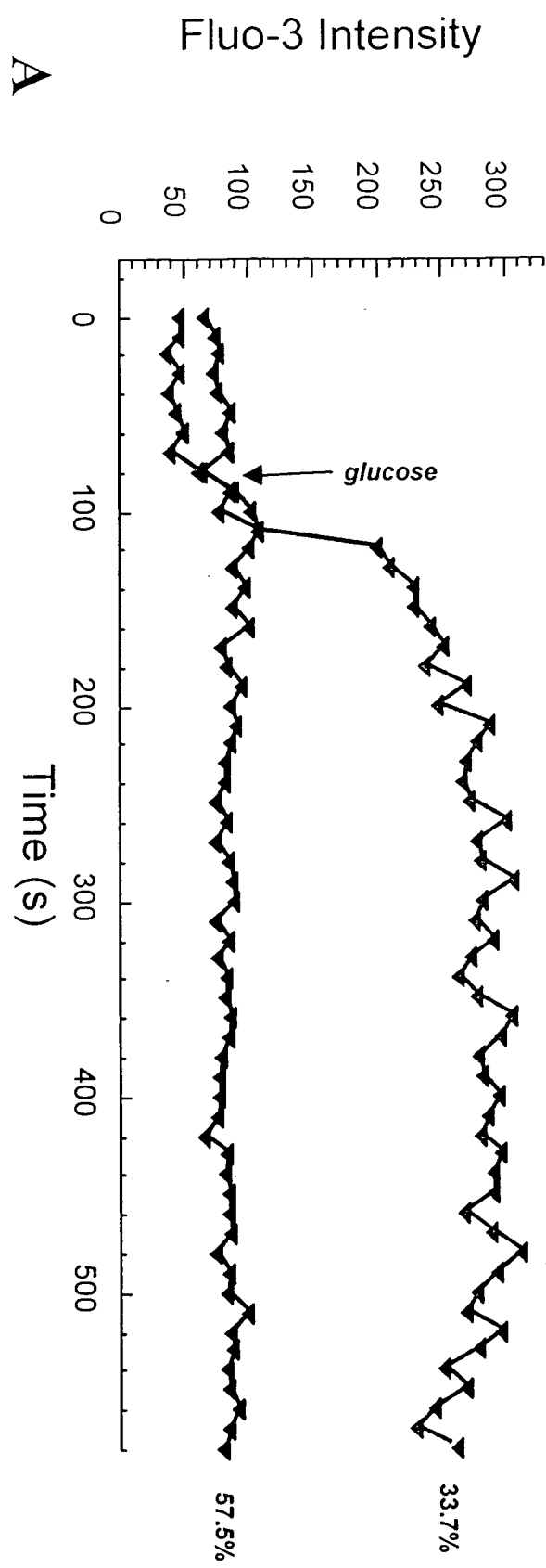


FIGURE 9

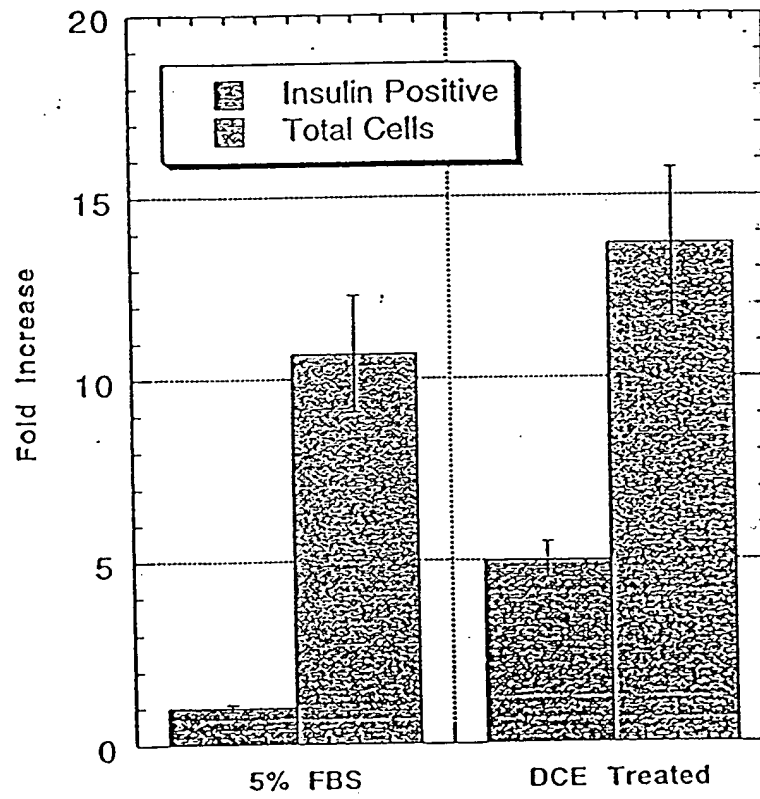


FIGURE 10

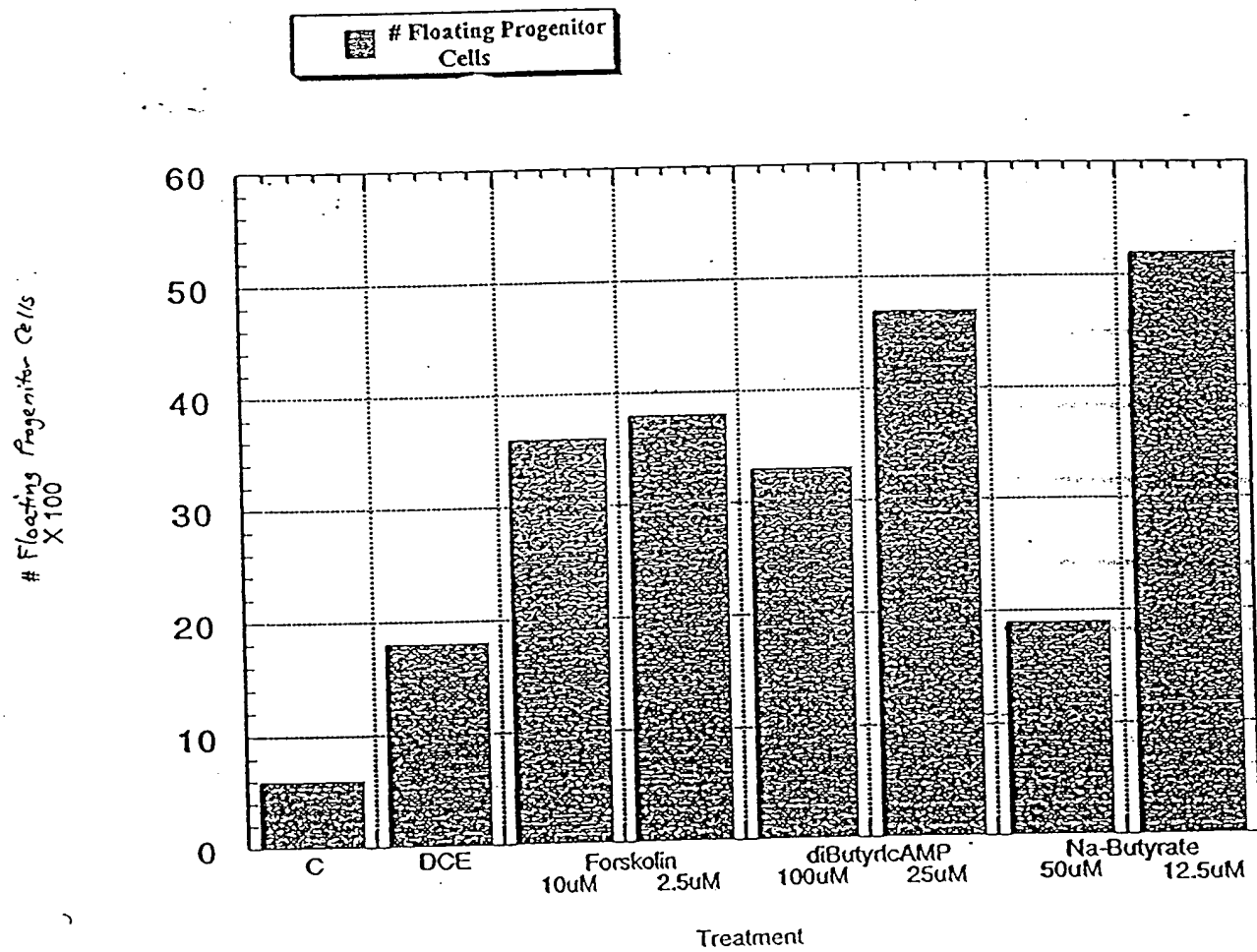
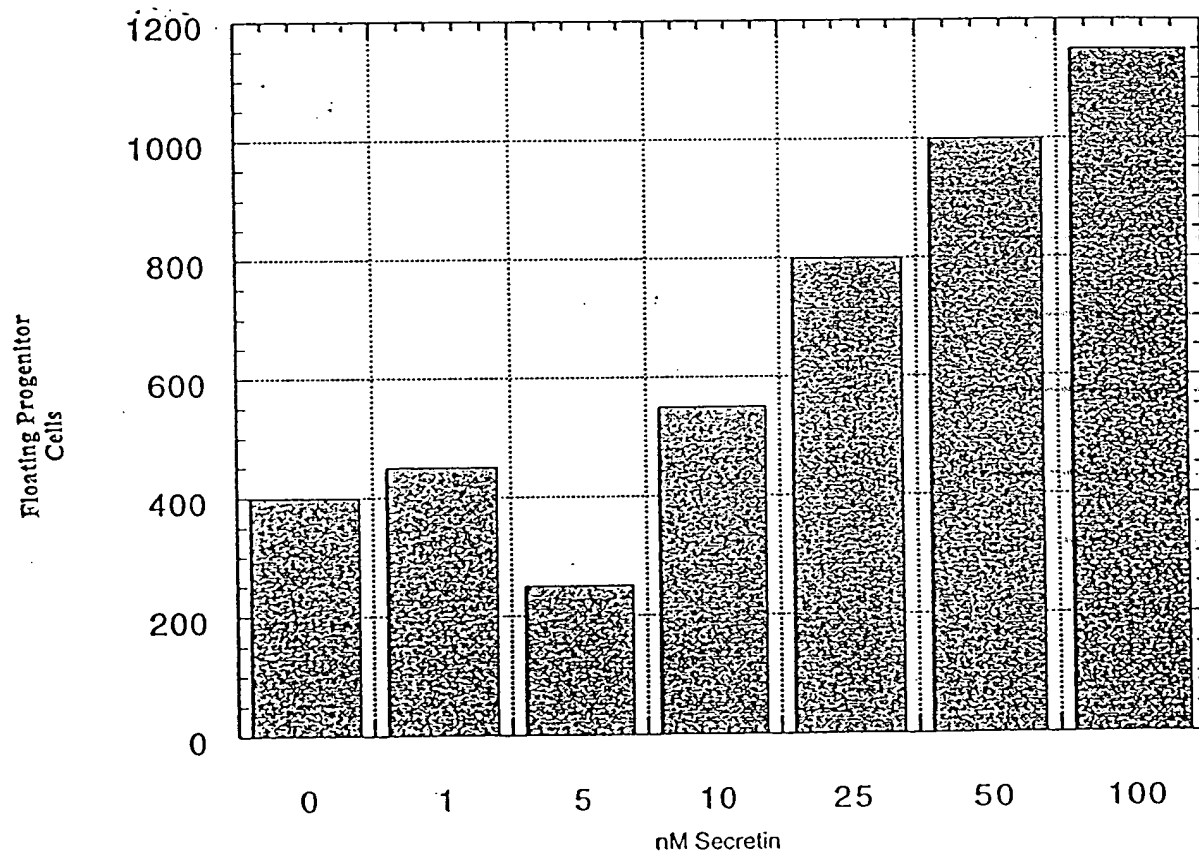


FIGURE 11



1. What is the purpose of the study?
 2. What are the research questions or hypotheses?
 3. What is the study design?
 4. What are the participants and sample size?
 5. What are the variables and measurement tools?
 6. What are the data analysis methods?
 7. What are the results and conclusions?
 8. What are the limitations and strengths?
 9. What are the implications for practice and research?
 10. What are the ethical considerations?

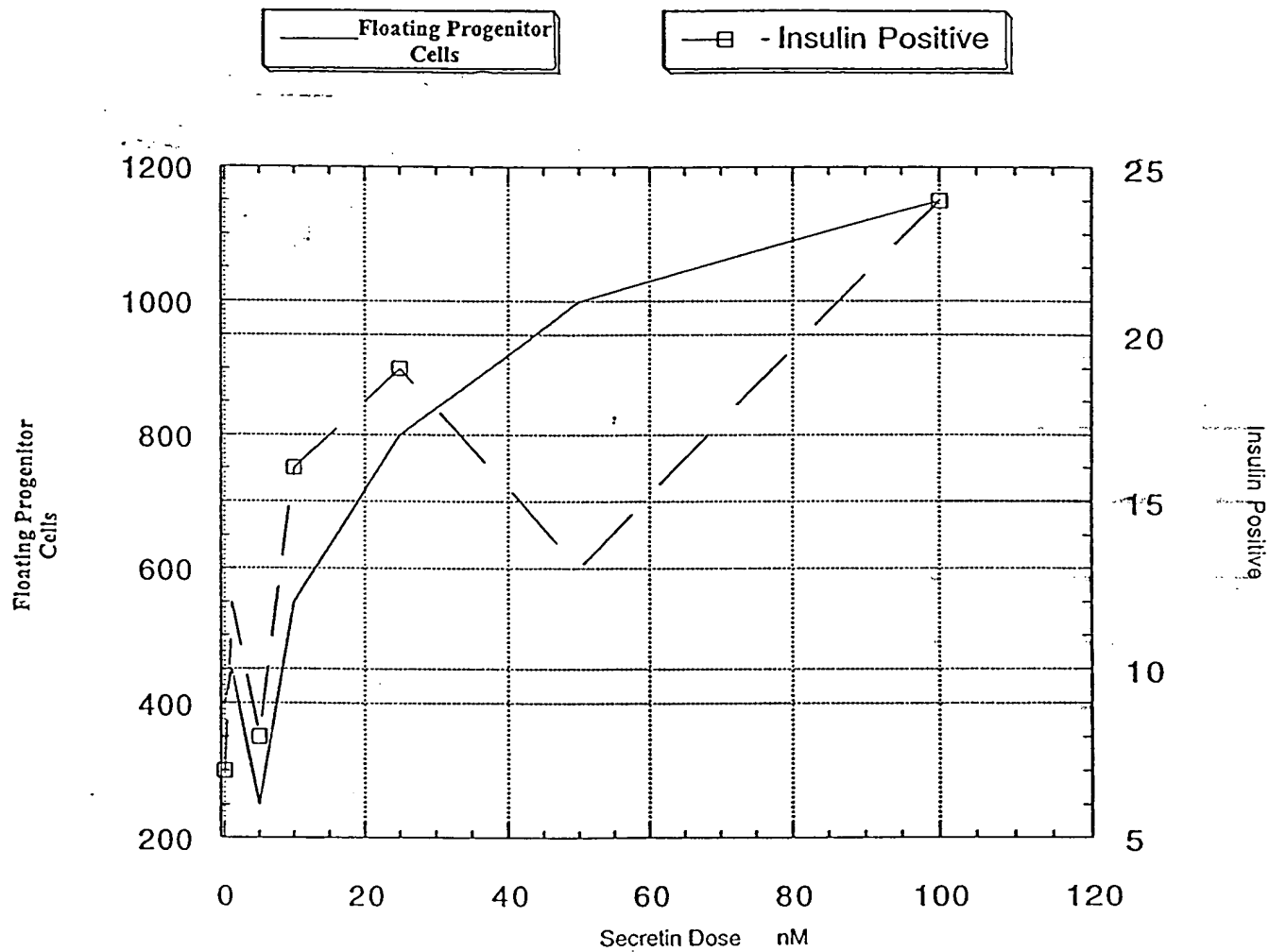


FIGURE B

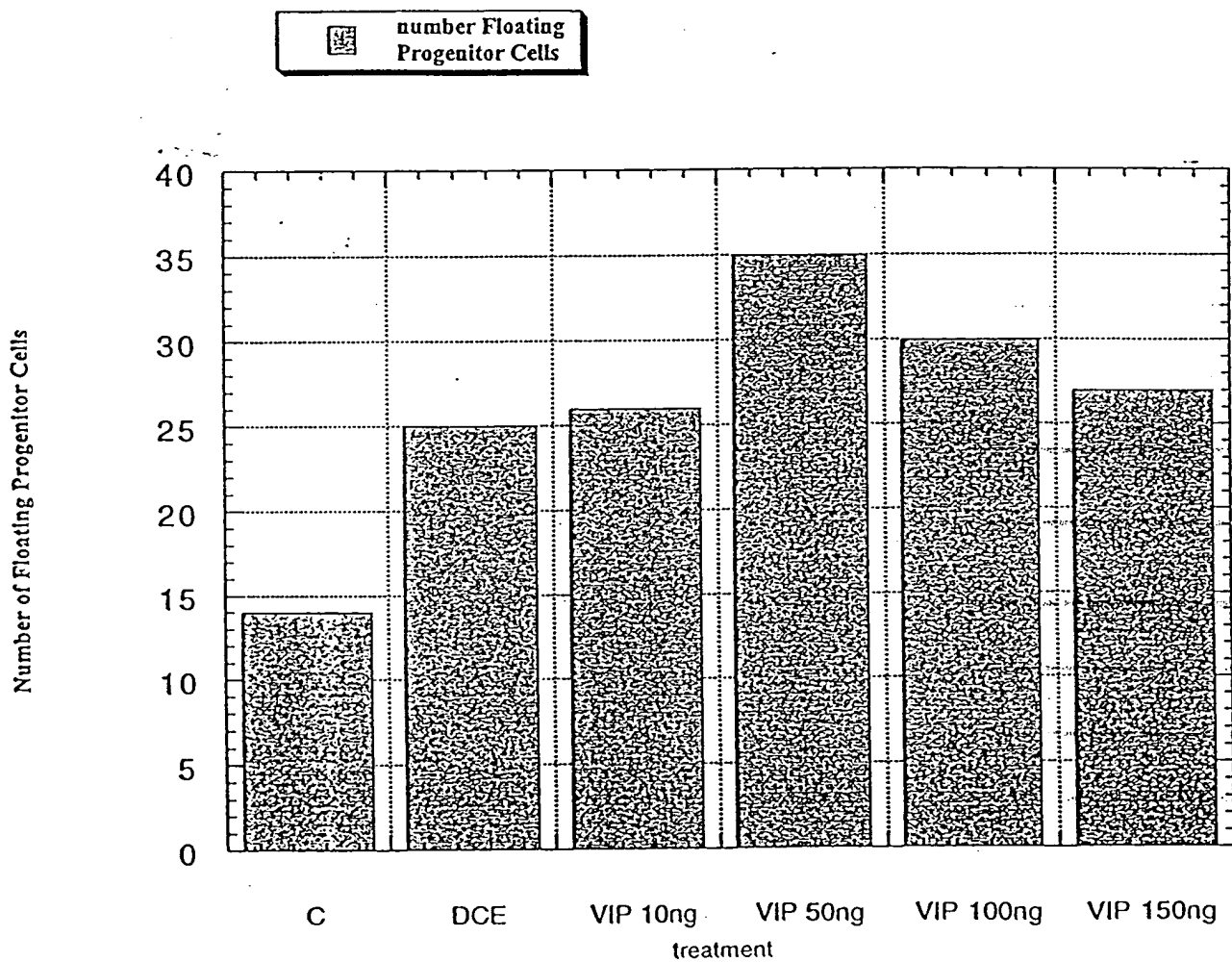
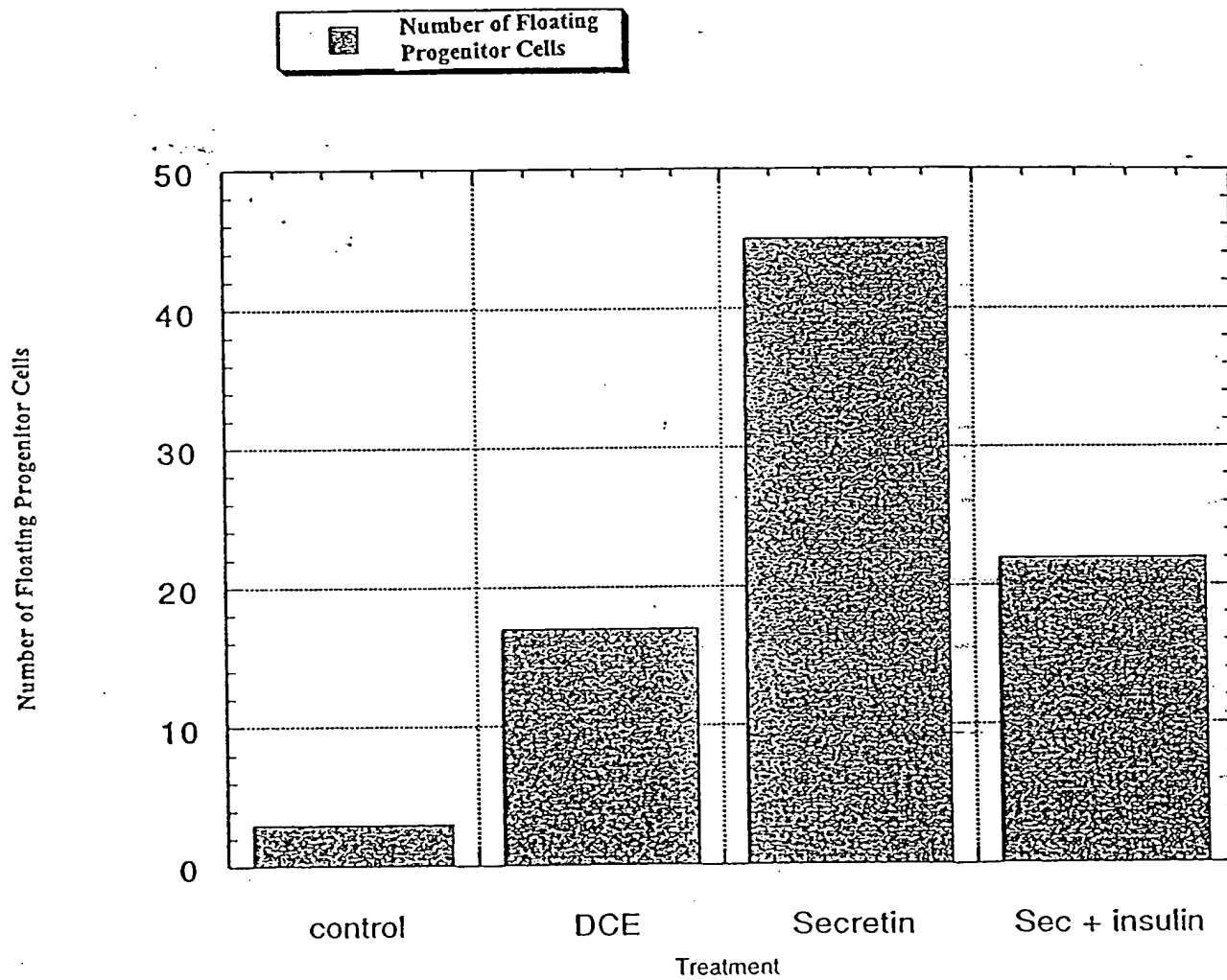


FIGURE 14



PNA Sorted Percoll Duct Prep (10.20.99 3-drop sort) After 2 weeks in culture on plastic; 10x mag

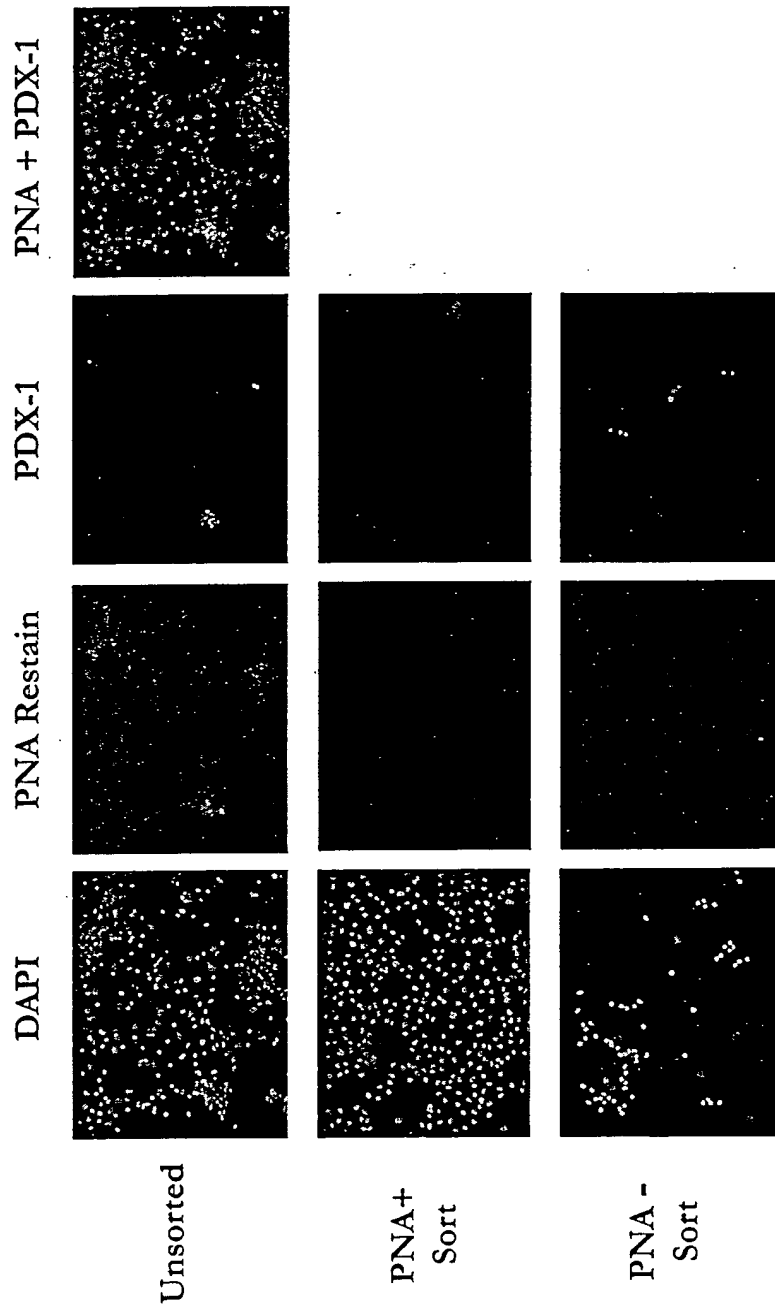
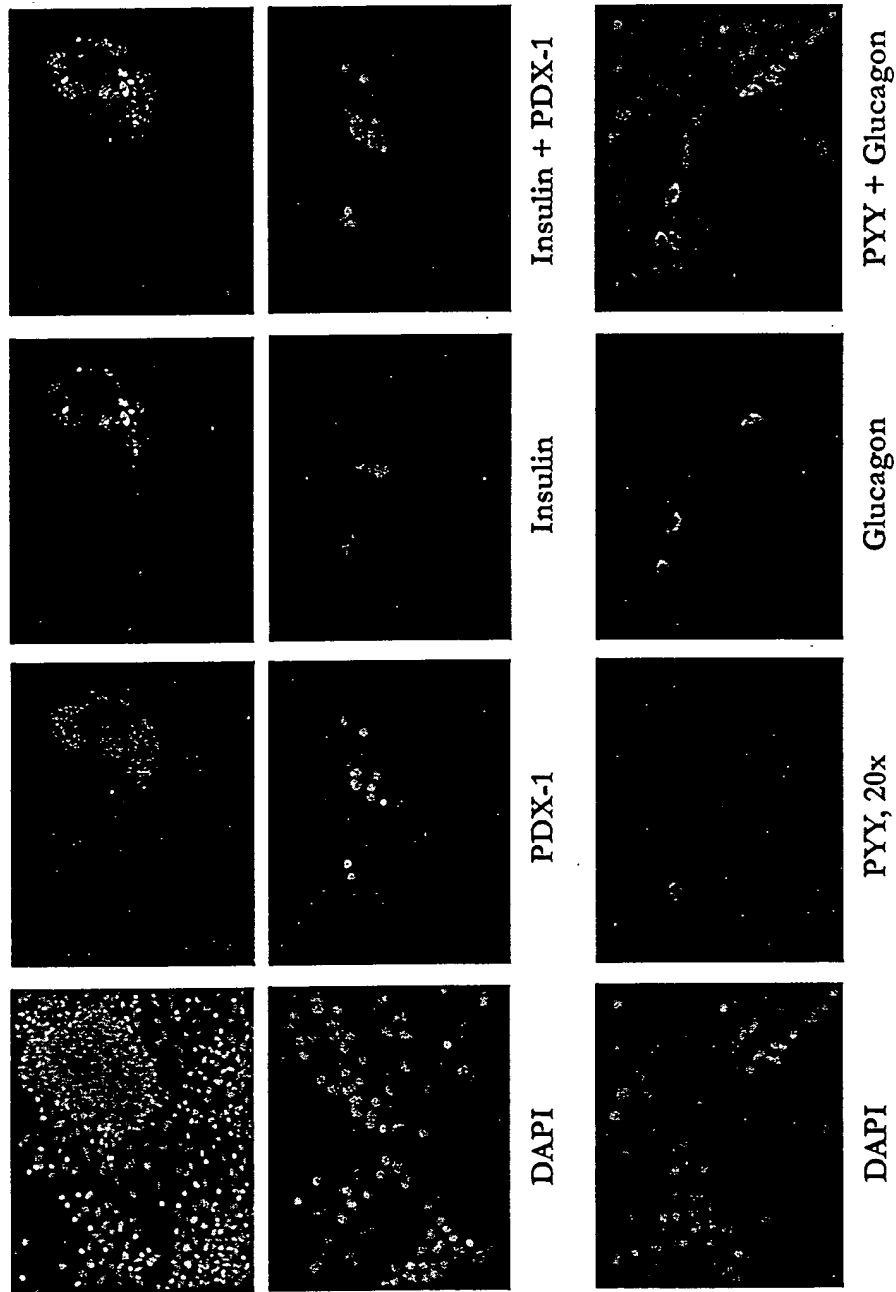


Figure 15

Figure 6b

PreSorted Percoll Duct Prep (10.20.99)
After 2 weeks in culture on plastic



PreSorted Percoll Duct Prep (10.20.99)
After 2 weeks in culture on Plastic

Figure 17

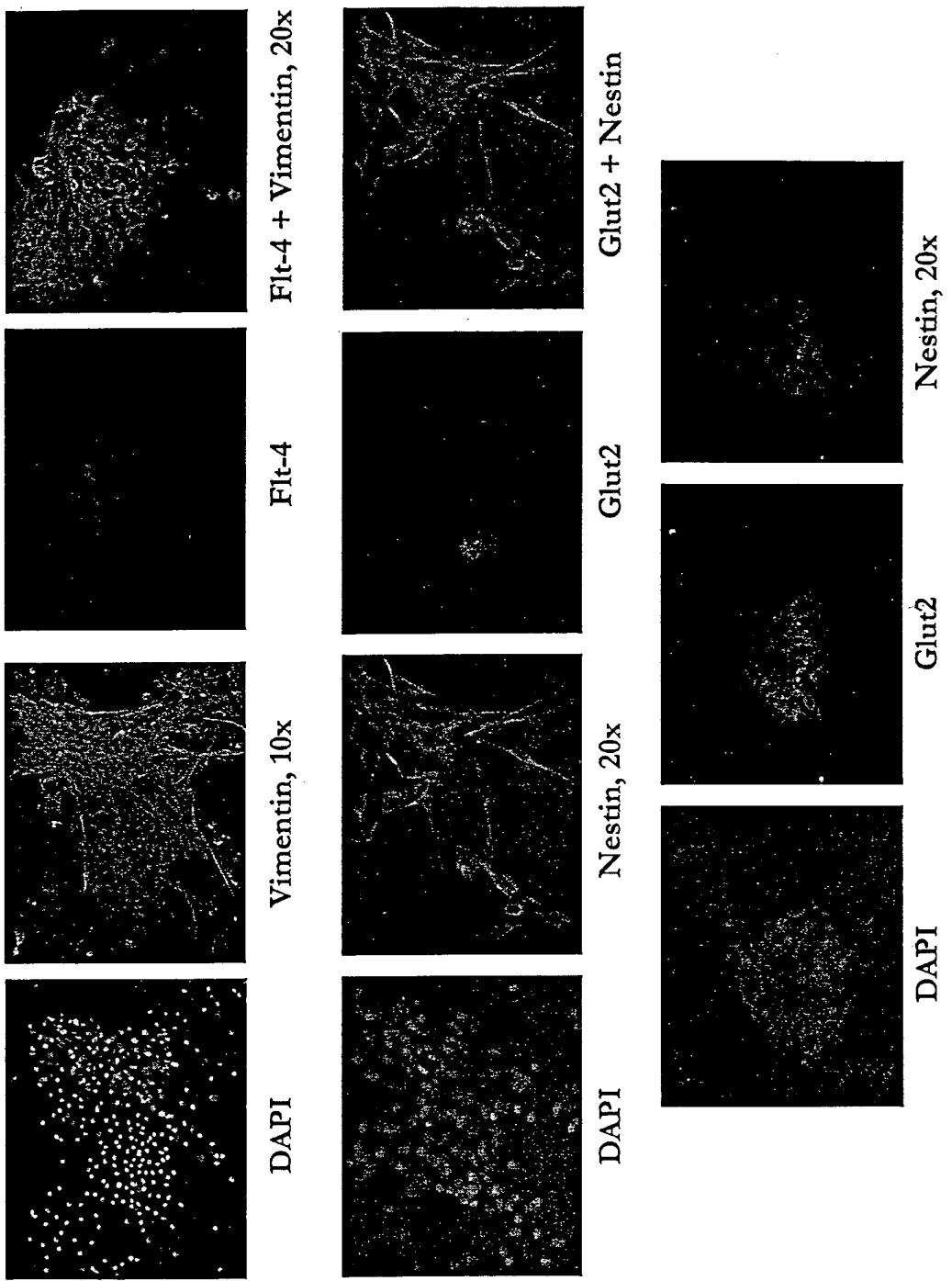
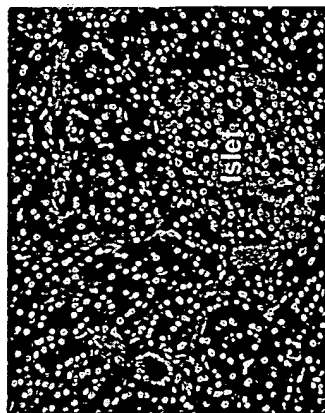
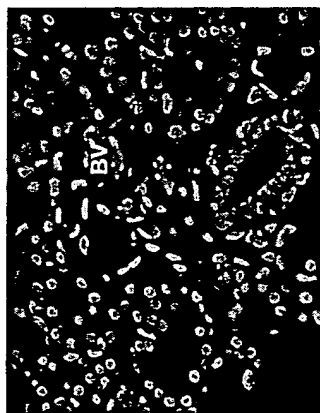


Figure 18

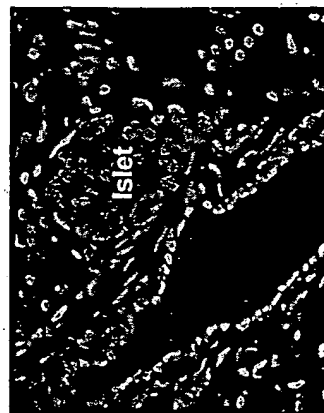
**Lectins on Adult Rat Pancreas:
Peanut Agglutinin (Arachis hypogaea)
marks Interlobular Duct Epithelium**



20x



40x



40x

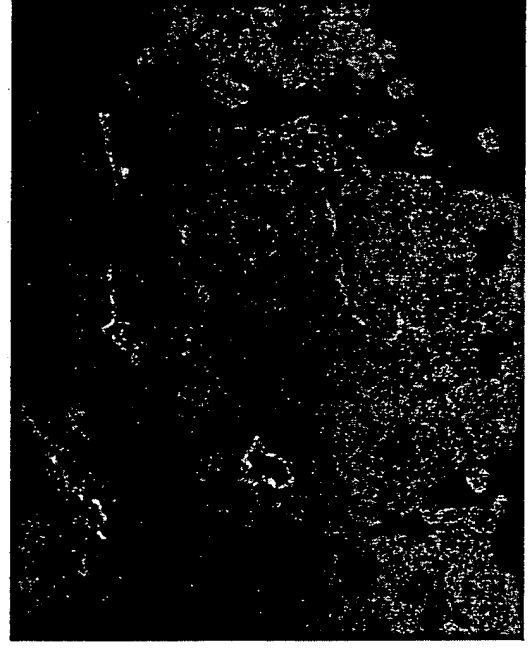
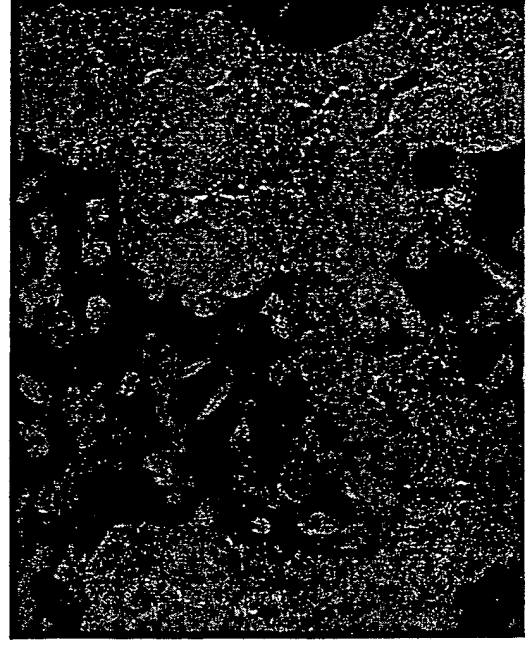
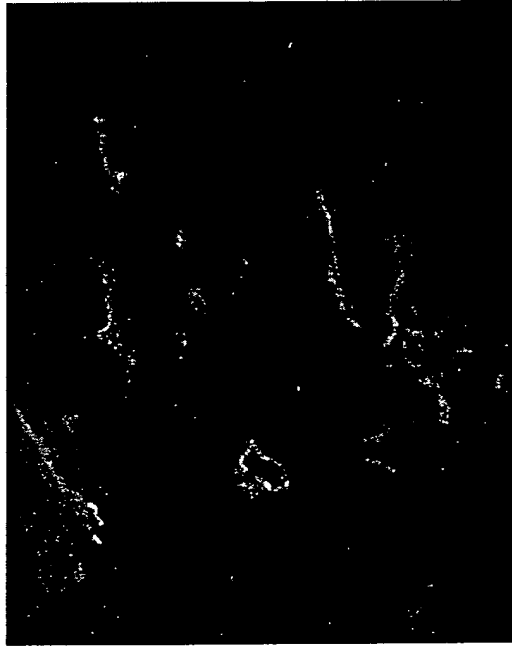
Figure

PNA-FITC staining of epithelium in development, 40x

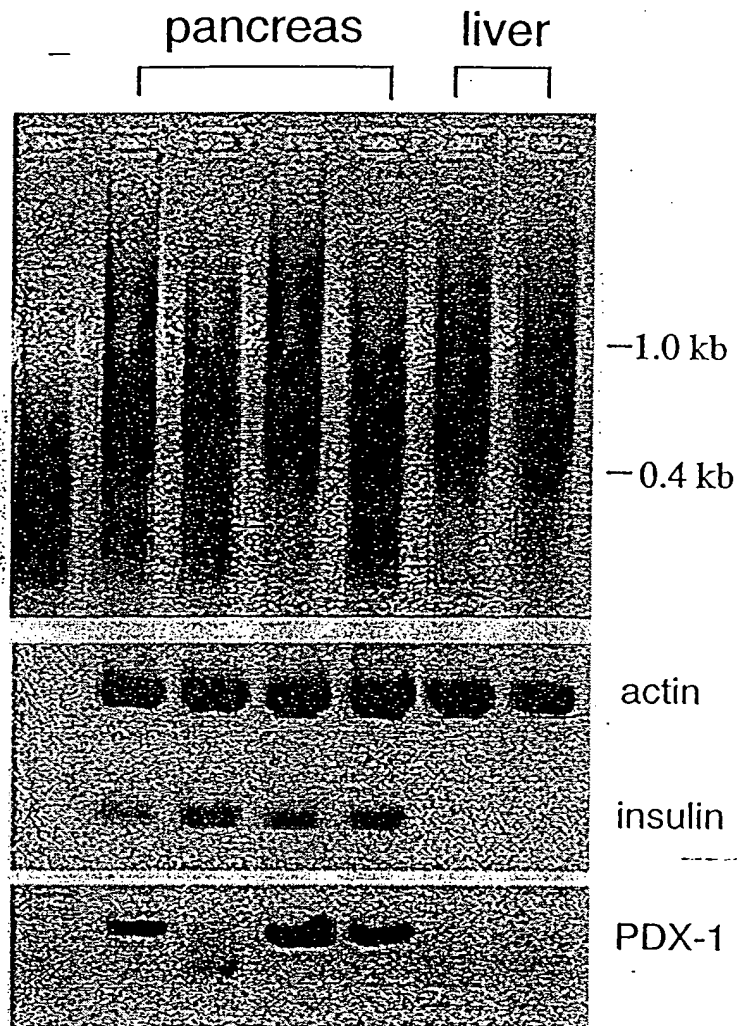
e16 rat



e18 rat



Single Cell mRNA PCR Amplification

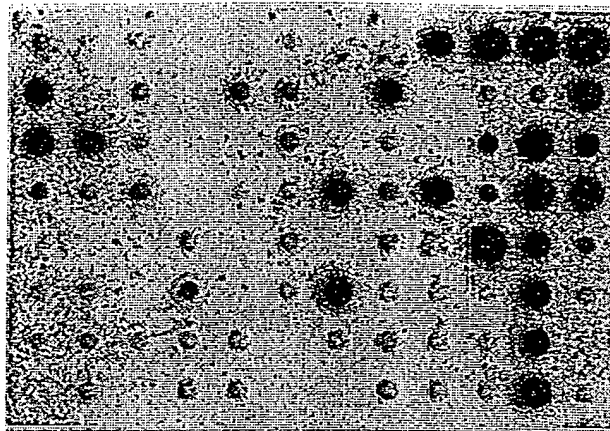


β -arrayTo create a proprietary diagnostic array to identify pancreatic β cell and its precursors

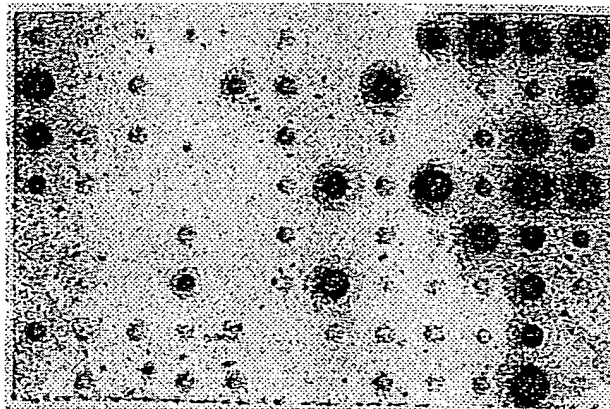
	1	2	3	4	5	6	7	8	9	10	11	12
A	actin	HexoK	PYY	TyrH	SHH	Wnt3	delta	IGF1	TNFR2	PICK1	amphy2	Rho-GDI
B	G3PDH	SubPR	NPY	Rab3A	Patch-1	Wnt5	Jagged	PKA	Pw1	PCTA-RE1	OSF-1	Sez-12
C	G6PDH	insulin	NPYR	activin	SMO	frizzled	DLK	Isl-1	HNF1 α	Gli	GP106	SelenoP
D	Rps6	glucagon	Secretin	folistatin	TGF β 1	sFRP-1	notch-1	beta2	DCoH	P48	HCNGP	Surf-1
E	Glut4	SomS	nestin	activinR	TGF β 2	EGF	notch-2	PDX1	HNF3 β	ID-1	clusterin	VASP
F	albumin	PP	Chromo graninA	BMB4	TGF β R1	EGFR	FGF6	Pax4	HNF4 α	IDR	Cab45b	UK-2
G	amylase	IAPP	GLP-1R	BMB4R	PTHrP	SCF	FGF9	Pax6	Nkx2.2	MITF	HBP	UK-4
H	CarbP	Glut2	CK19	BMB6	PTHr	c-Kit	FGFR1	COUP-TFII	Nkx6.1	SUG1	RP2	UK-6

FIGURE 23

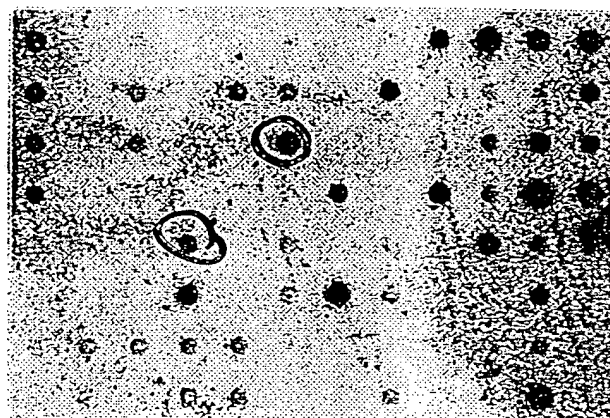
Single Cell Gene Expression Profiling



islet



E15 ins⁺/PDX⁺



heart

006030" 0255960

FIGURE 24

Quantitative Analysis of Single Cell Gene Expression

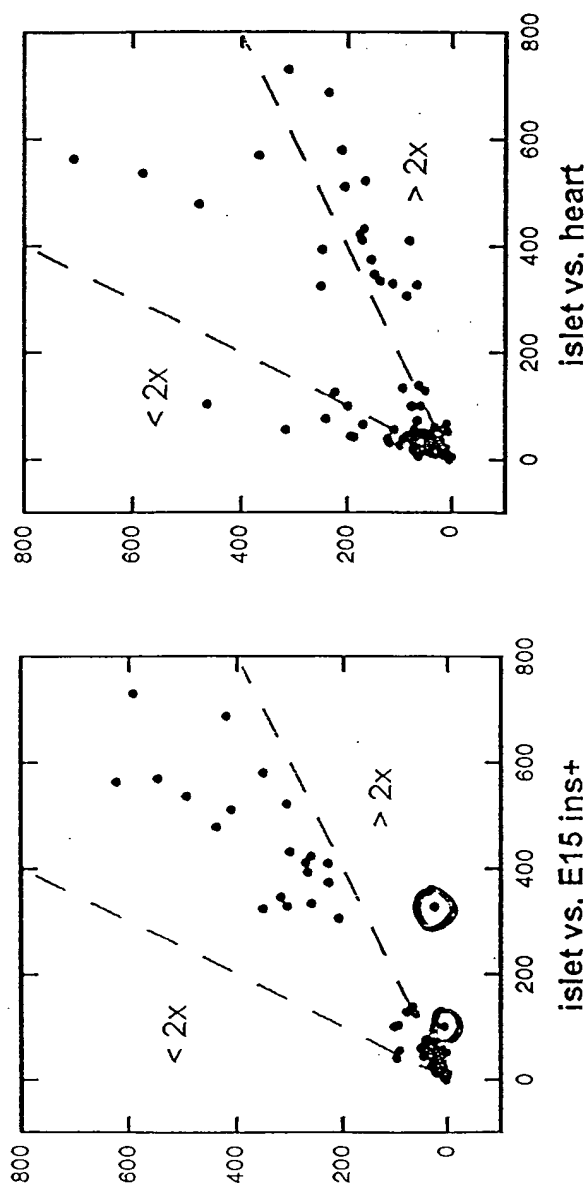
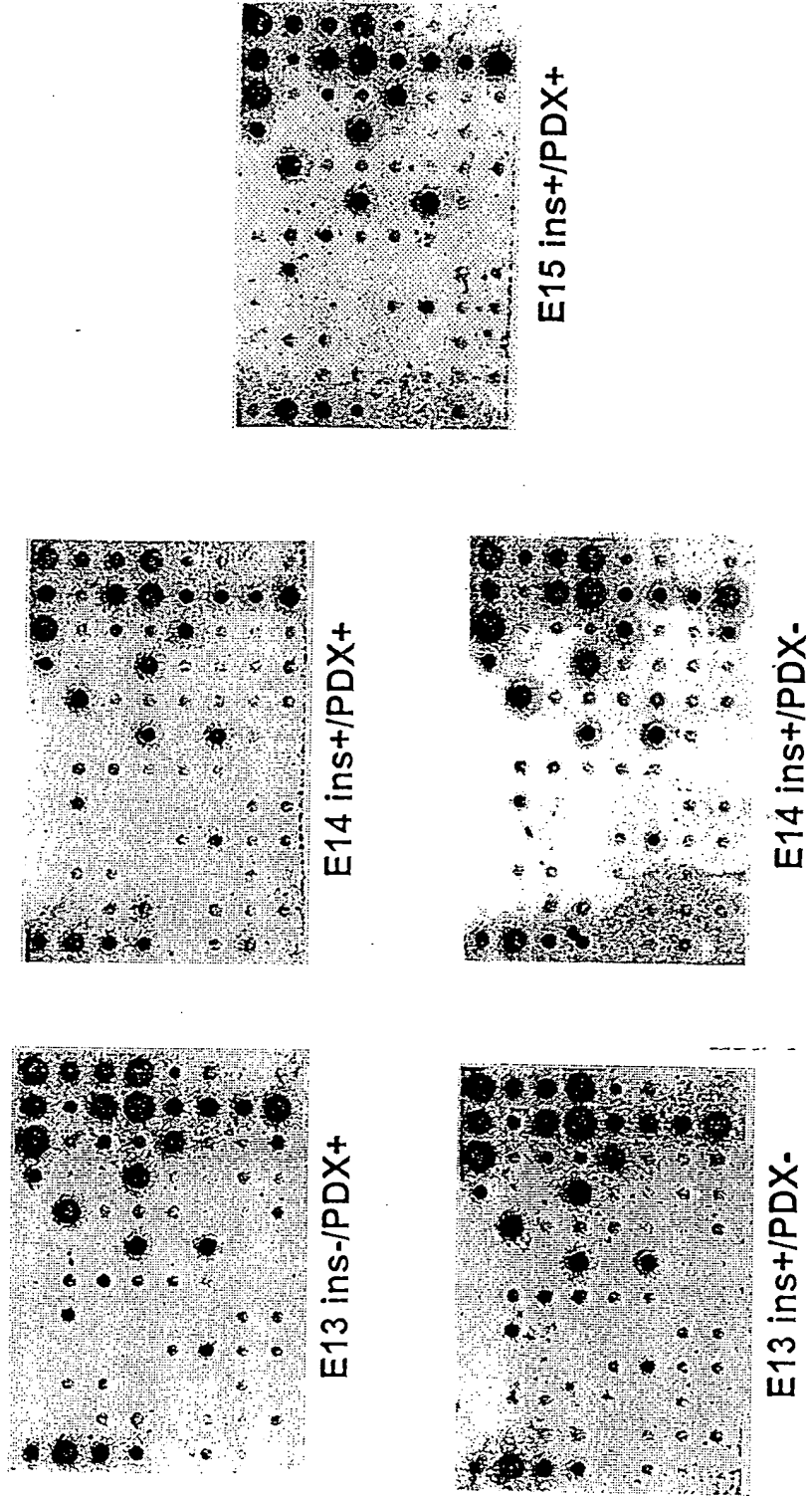


FIGURE 25

Single Cell Gene Expression Analysis of beta Cell Lineage Pathway



0000030"02ESE960

Quantitative Analysis of Single Cell Gene Expression

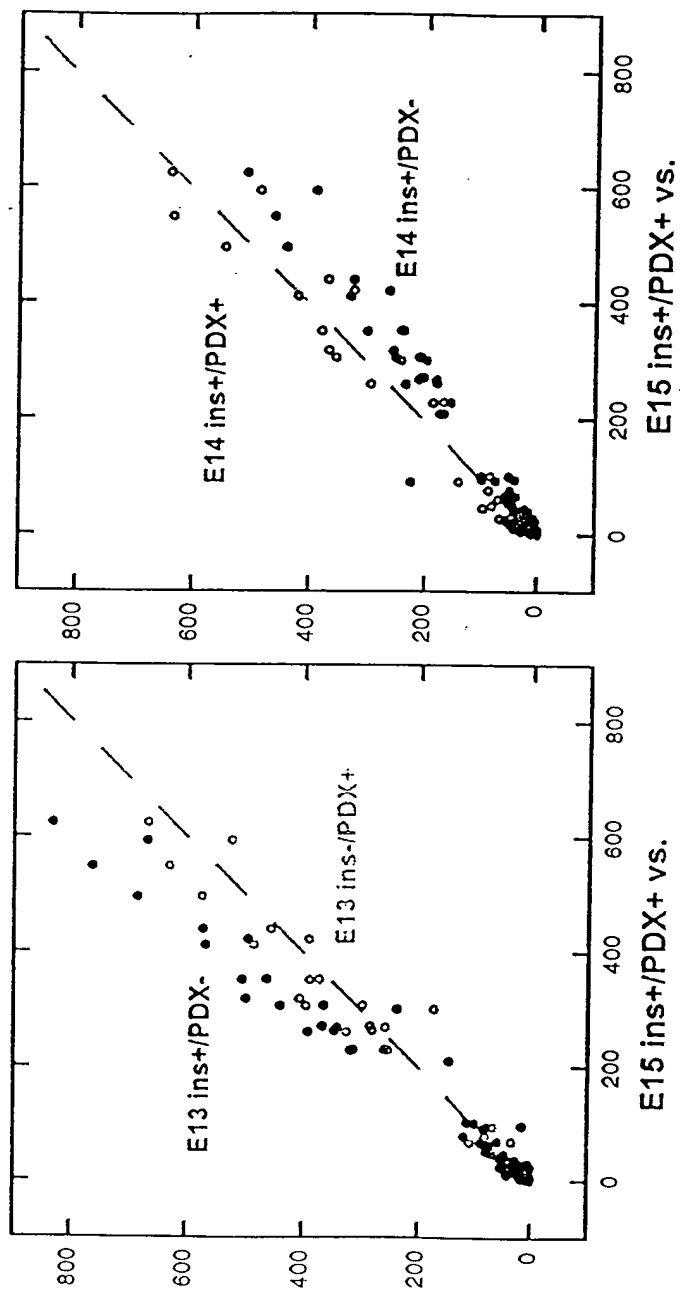


FIGURE 26

FIGURE 27

Gene Expression Profiling of the Single Beachball Cells

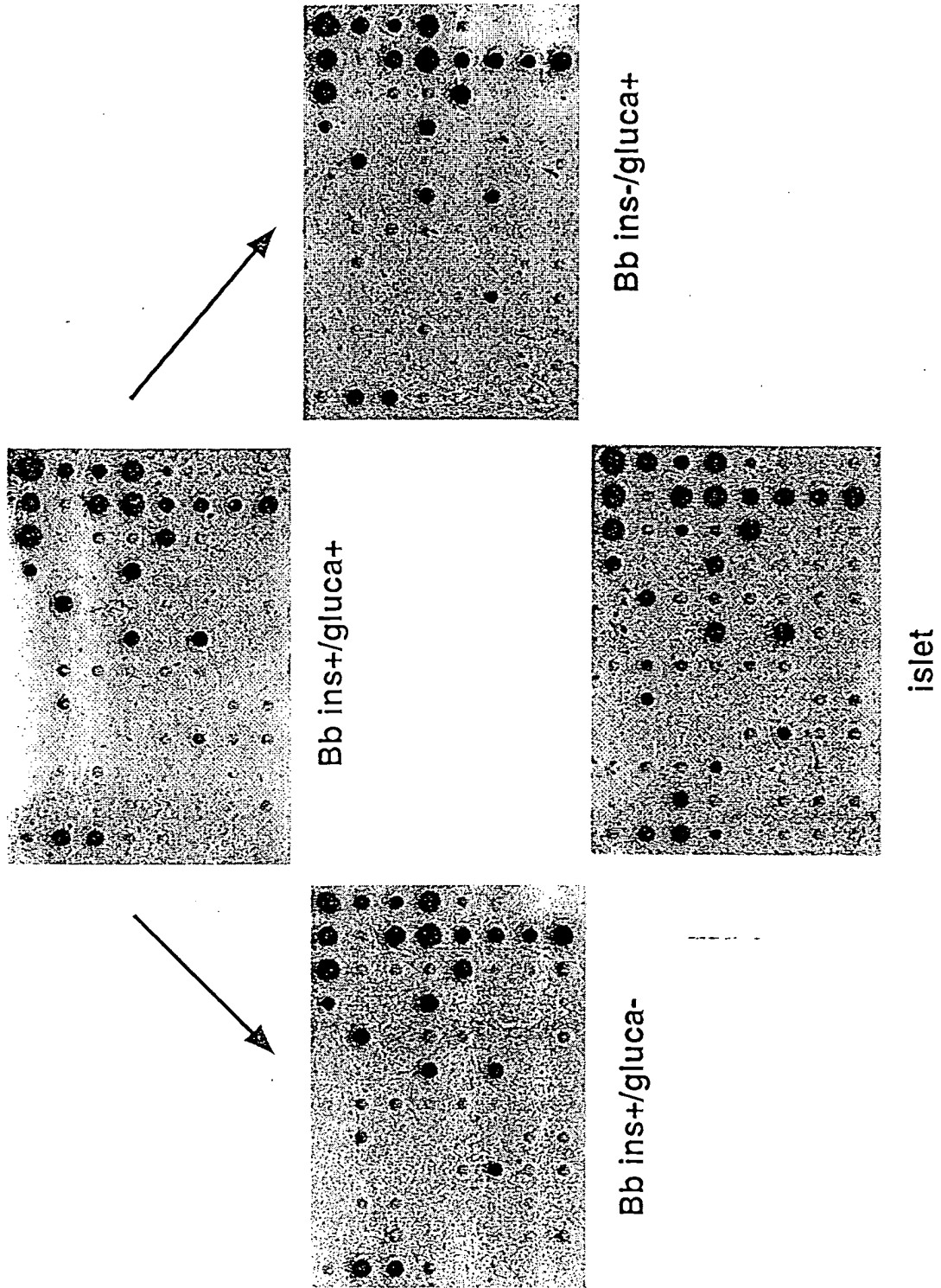
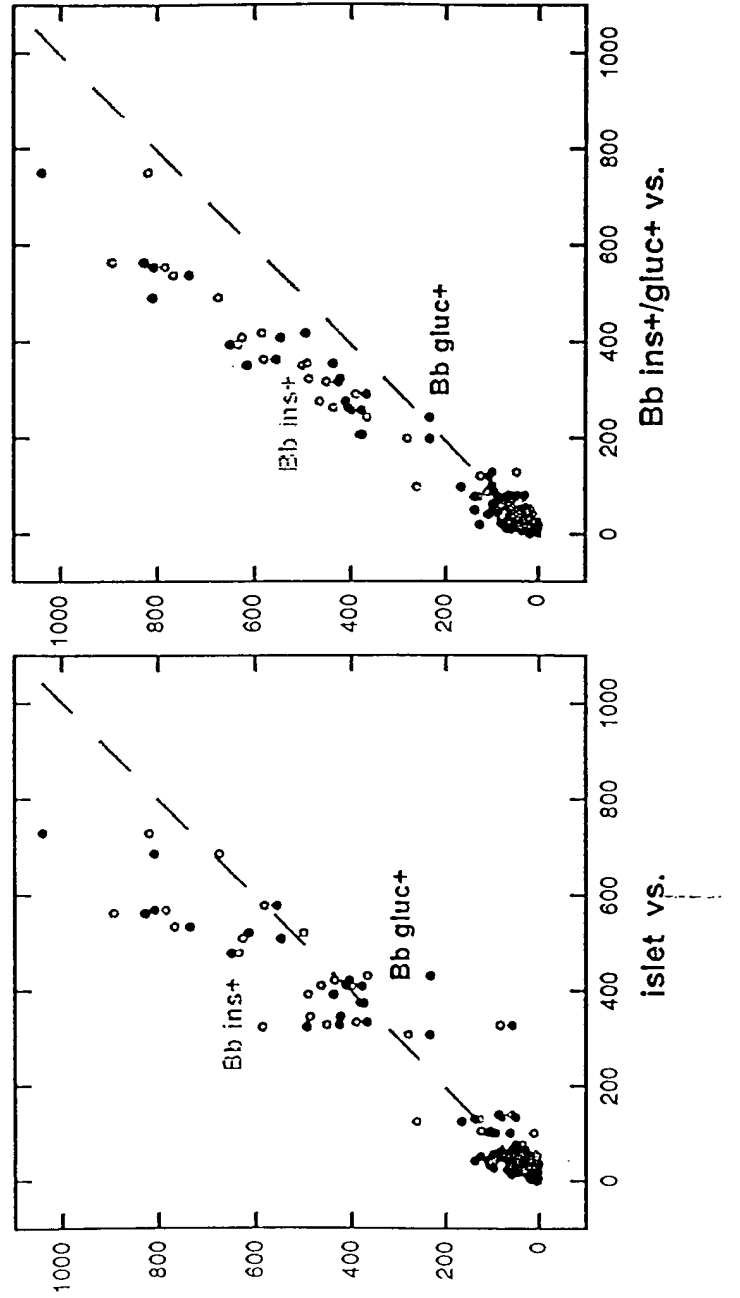


FIGURE 28

Quantitative Analysis of Single Cell Gene Expression



**Differential Expression of the Pancreatic Genes
in Adult Islet and during Development**

<u>Gene Name</u>	<u>islet/E15 ins+</u>	<u>islet/Bb ins+</u>
Secretin	16	8
insulin	13	4
glucagon	3	2
IGF1	6	6
nestin	5	3
Rab3A	5	2
Glut2	2	1.3
ChromograninA	4	3
PDX1	3	2
Isl-1	2	2
EGF	4	2
NPYR	4	1.3
TGFb1	4	3
TGFbR1	6	2
delta	26	18
DLK	3	4
Wnt3	3	2
Gli	2	2
SMO	4	6
COUP-TFII	0.9	1.1

000000"02ESE960

Figure 30

Lectins on Adult Rat Pancreas:

ConA, 20x
not β cell-specific

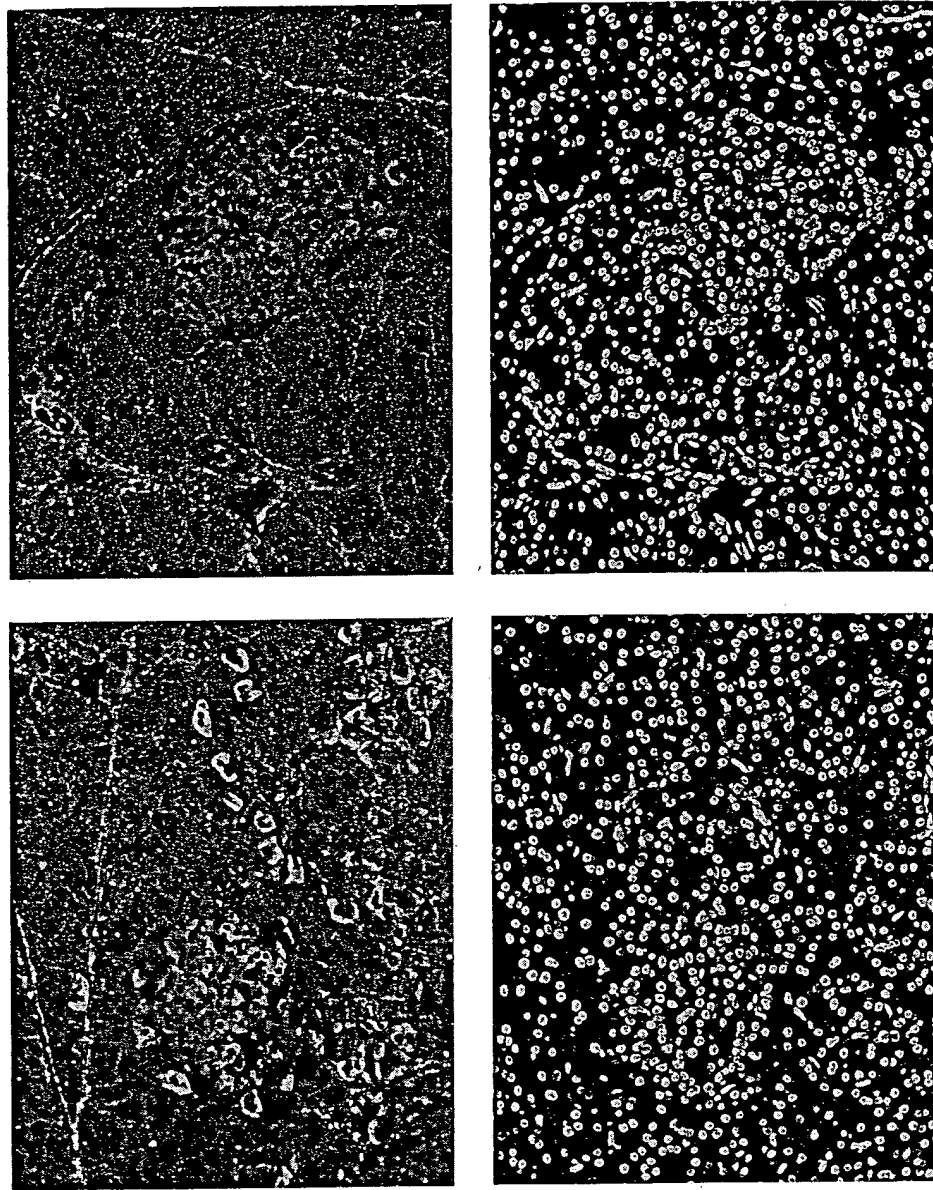


Figure 31

**Lectins on Adult Rat Pancreas:
RCA II (Ricinus Communis Agglutinin II)**

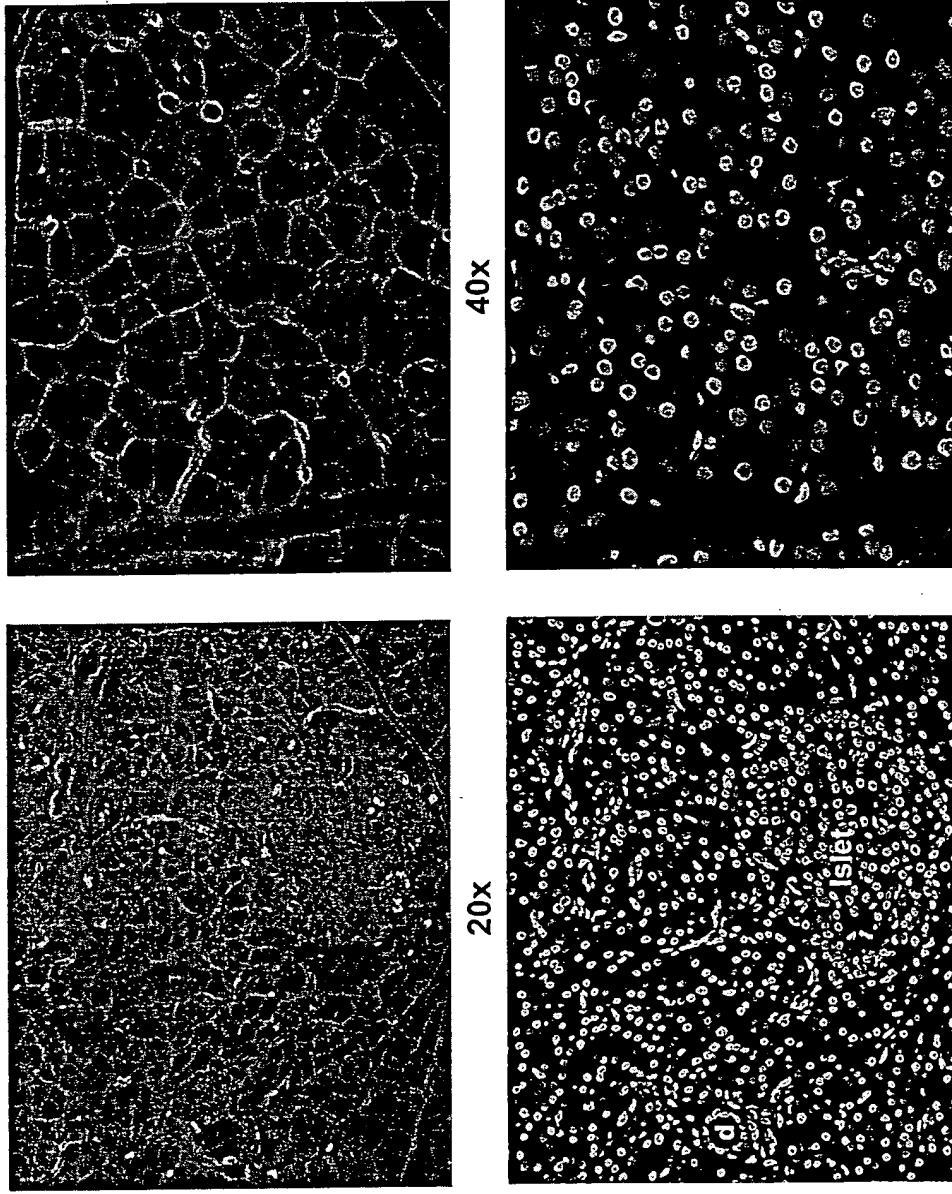
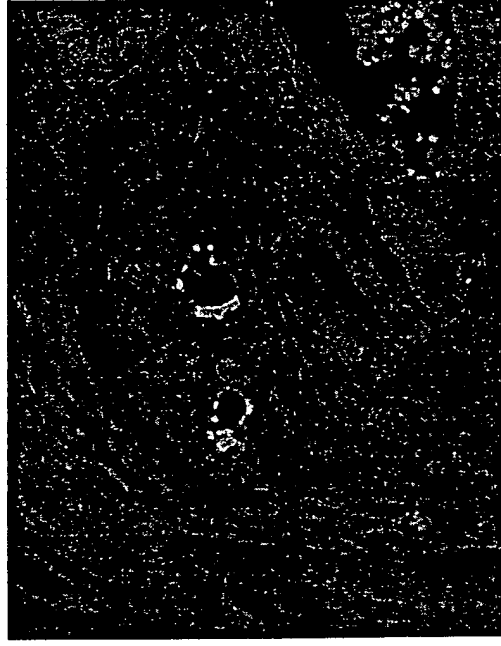


Figure 32

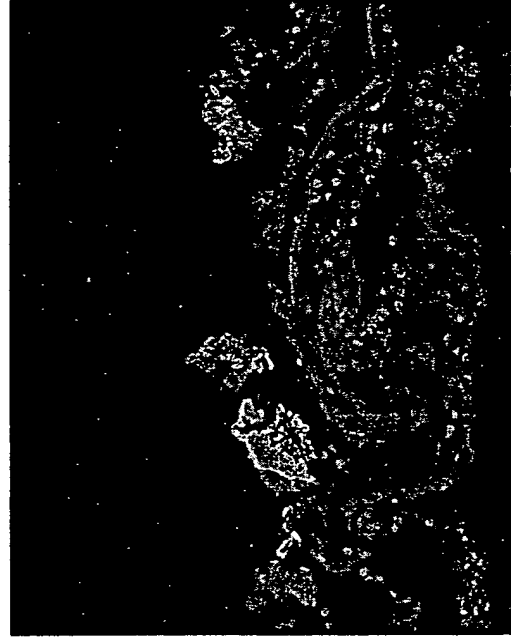
Lectin Staining of Human Pancreas:
Peanut Agglutinin



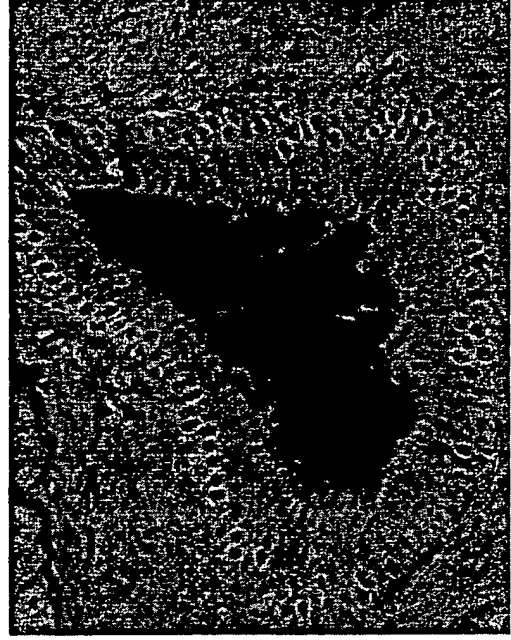
Interlobular Ducts, 20x (Negative)



Subpopulation of Epithelium



Positive Epithelial Cells



Interlobular Duct, 40x

Figure 33

- ConcanavalinA marks interlobular and main ducts in human pancreas
- ConA is also a β cell marker for human pancreas

Lectin Staining of Human Pancreas:
ConcanavalinA



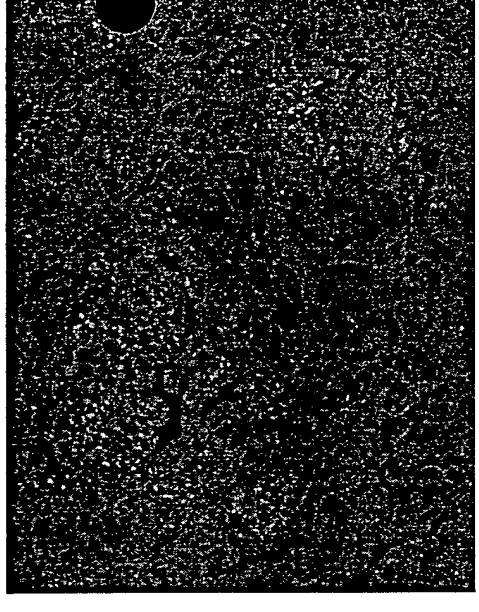
Interlobular Duct, 40x



Interlobular Ducts, 20x



DAPI



Islets, 20x

Figure 34

Lectin Staining of Human Pancreas:
20x mag



DSL, *Datura stramonium*



LCA, *Lens culinaris* Agglutinin



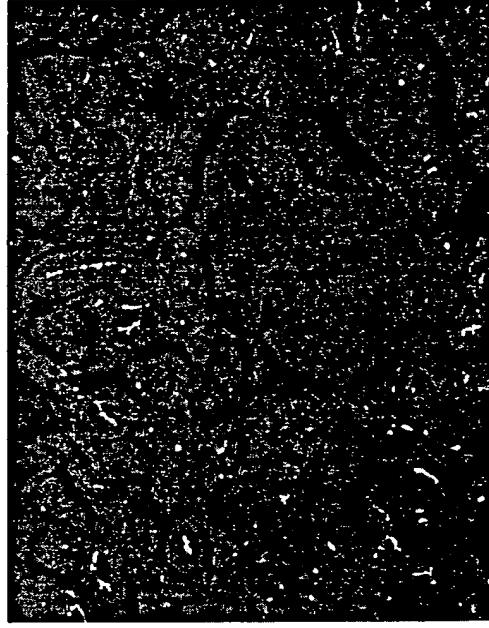
Succinylated-WGA



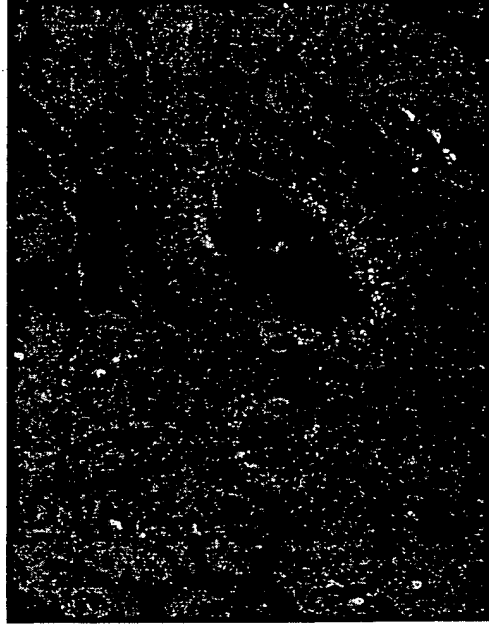
ECL, *Erythrina cristagalli* Lectin

Figure 35

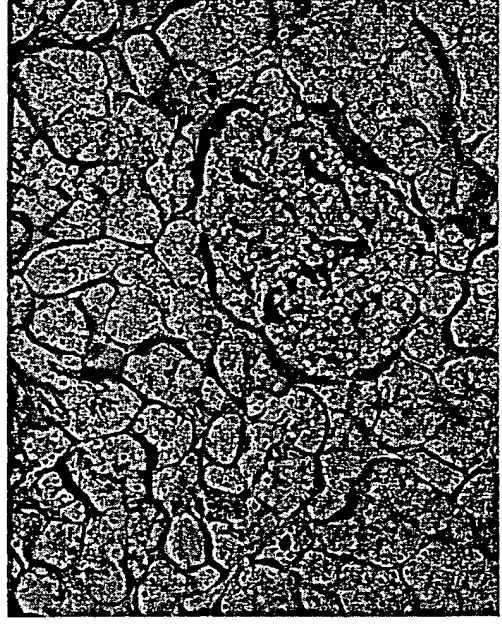
Lectin Staining of Human Pancreas:
PHA-L, Phaseolus vulgaris leucoagglutinin



20x, Intralobular Ducts



40x, Interlobular and Intralobular Ducts



Lectin Staining of Human Pancreas:
PHA-L, Phaseolus vulgaris leucoagglutinin

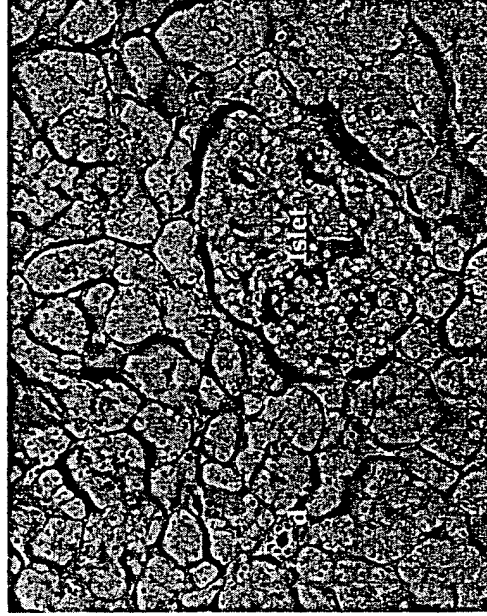
Figure 36



20x, Intralobular Ducts

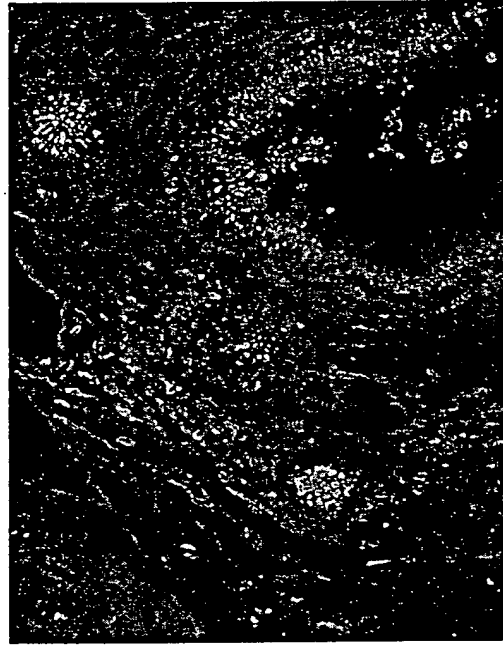


40x, Interlobular and Intralobular Ducts



Lectin Staining of Human Pancreas:
Ricinus Communis Agglutinin, 20x mag

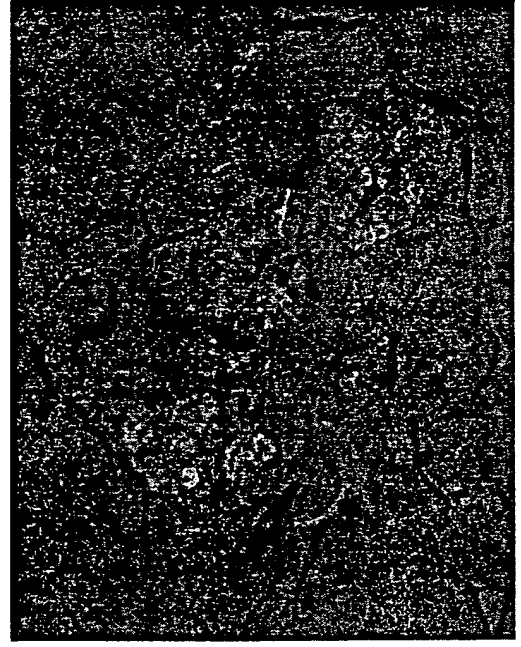
Figure 37



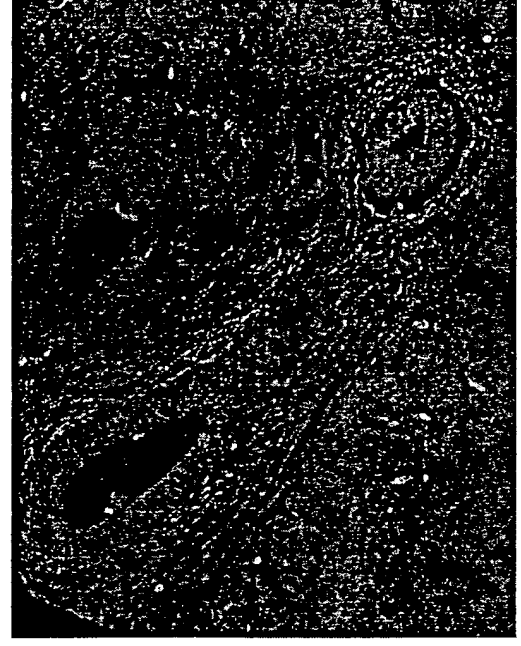
RCA-I, Ducts and Mesenchyme



RCA-II, Small Ductules & Mesenchyme



RCA-II, Islets



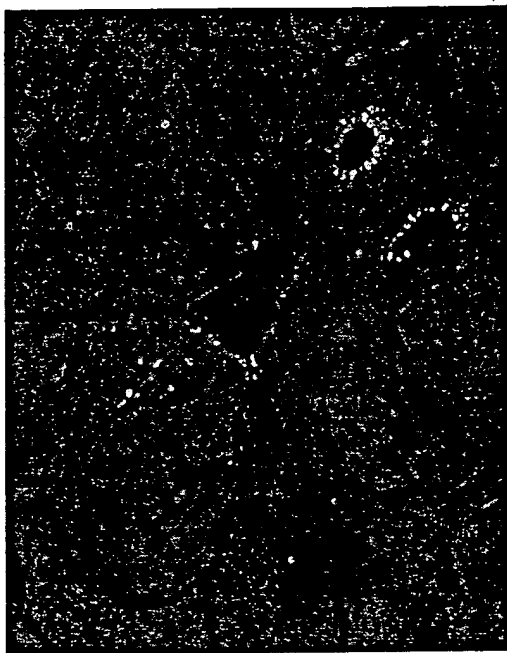
RCA-II, Small Ductules & Mesenchyme

Lectin Staining of Human Pancreas:
UEA-I, Ulex Europaeus Agglutinin I

Figure 38



Duct Epithelium, 20x



Interlobular Ducts, negative Islet, 20x



Main and Interlobular Ducts, 10x



Main and Interlobular Ducts, 20x

Figure 39

Lectin Staining of Human Pancreas:
Wheat Germ Agglutinin

(Duct epithelium, Mesenchyme, Islets, Blood vessels, RBCs)

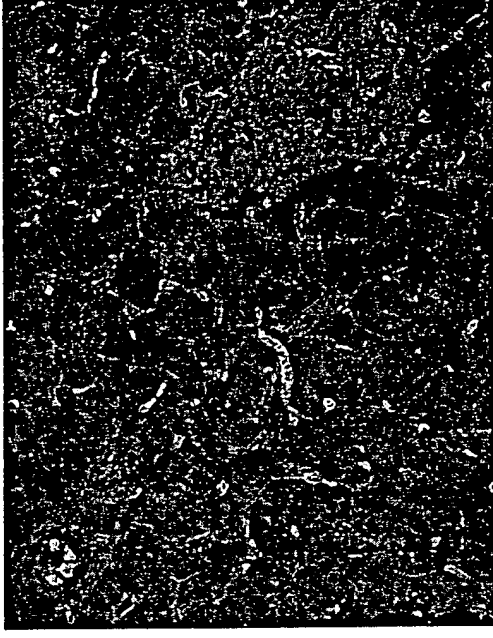
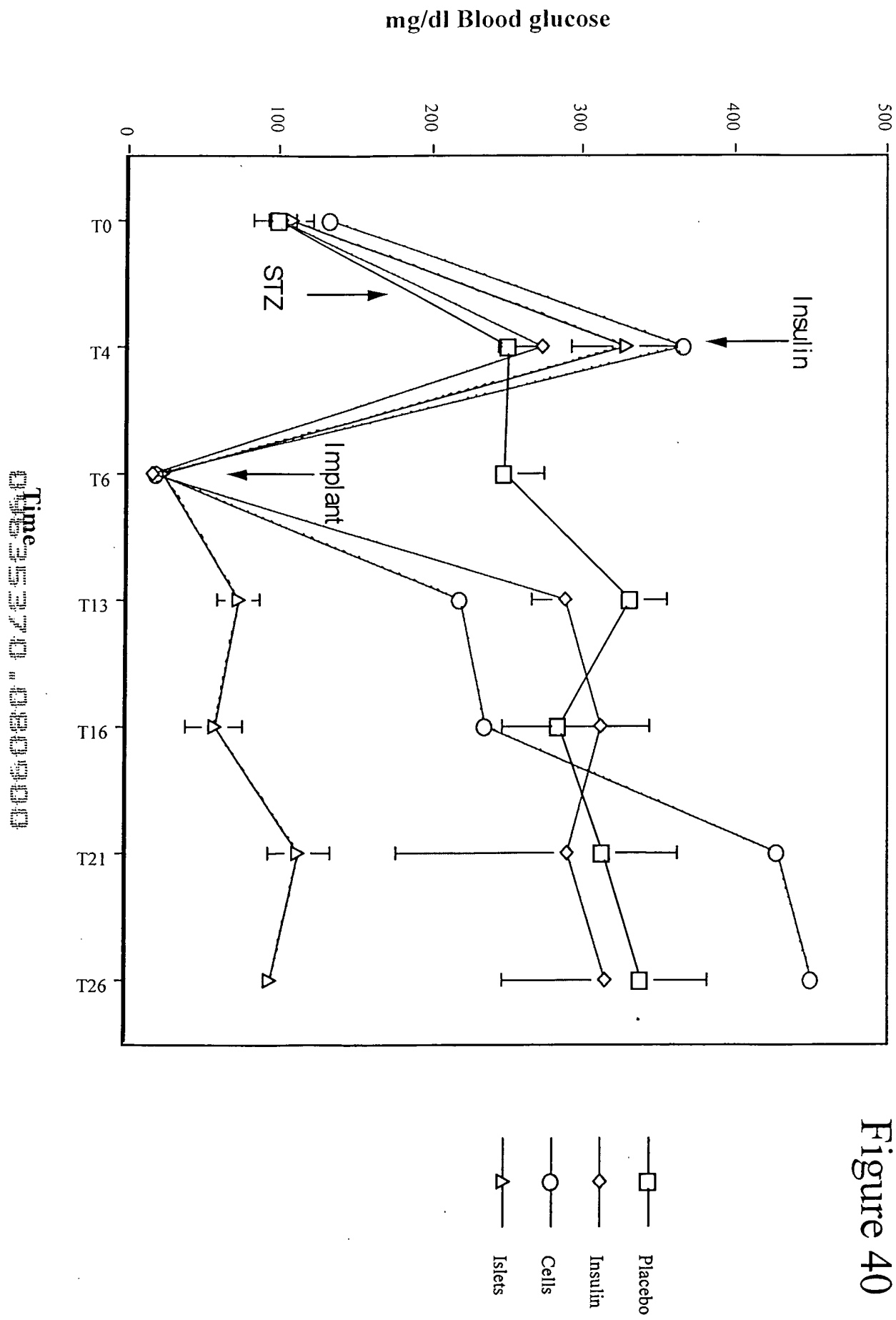
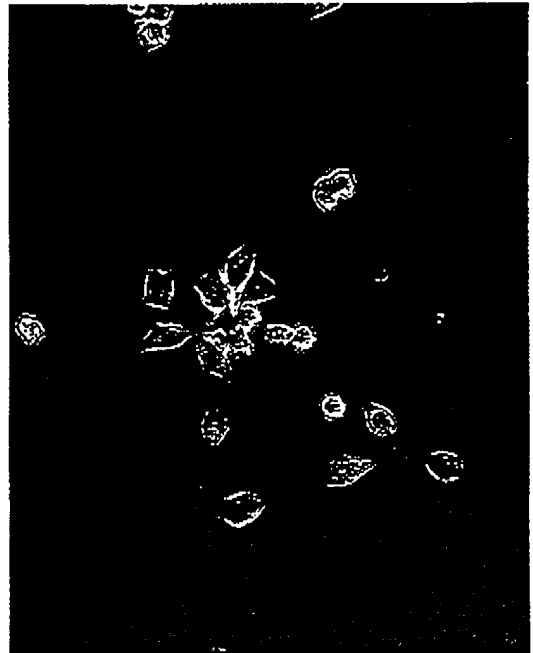
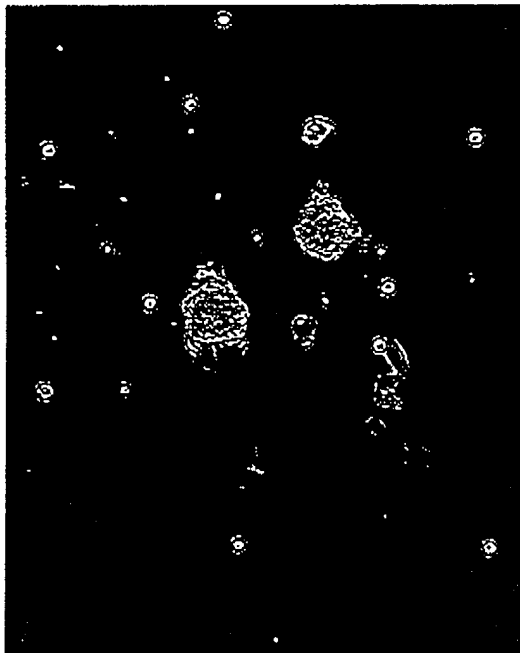
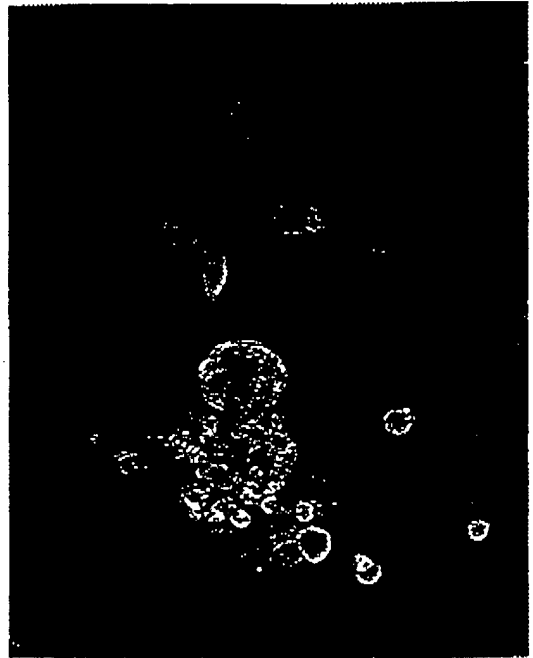
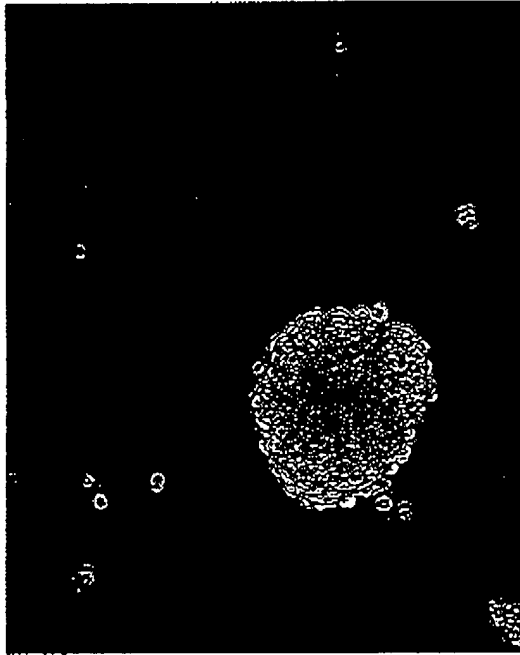


Figure 40



000000-02553610

Duct Spheres in Expansion Medium (Neural Sphere Medium)



Spheres

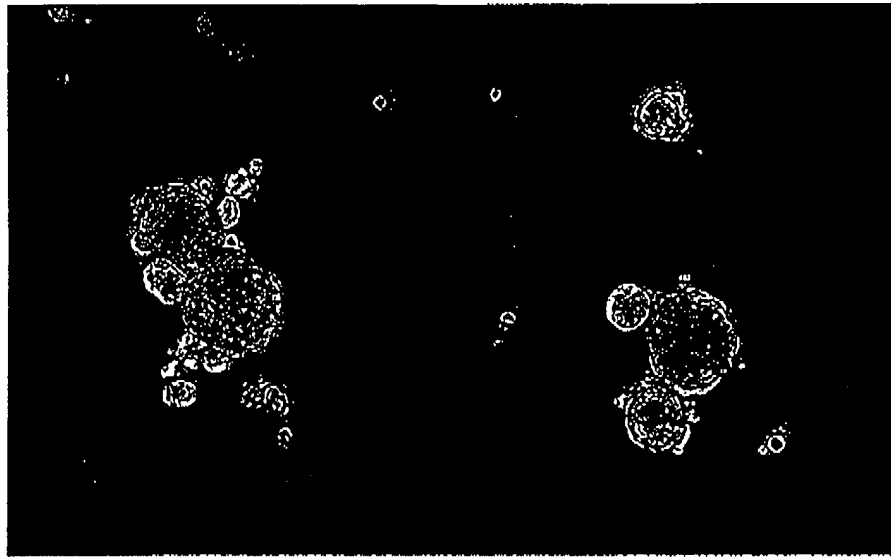
Attached
Cells

Fig 41

**p14 Duct Prep grown in Spher Media
on Non-TC surface, p3
all 10x mag**

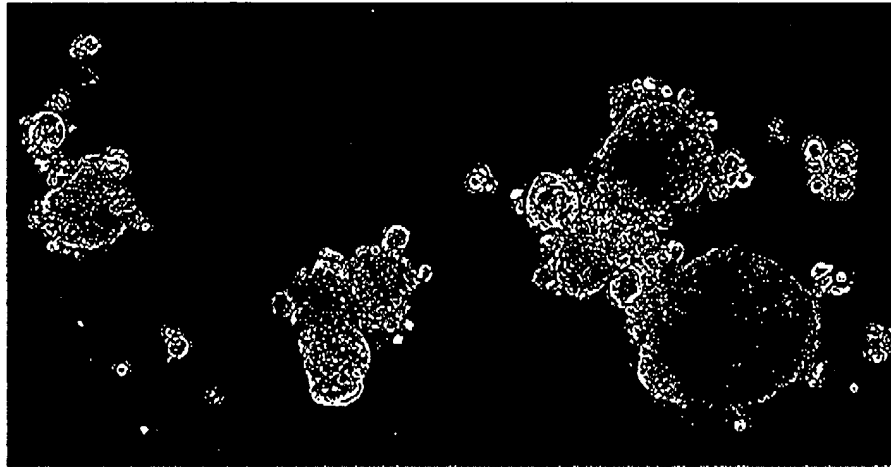
all 10x mag

Media 1
KO-B
+ 15% KO-SR
+ TGFa + HGF
+ IGF-I&II
2mM Glucose



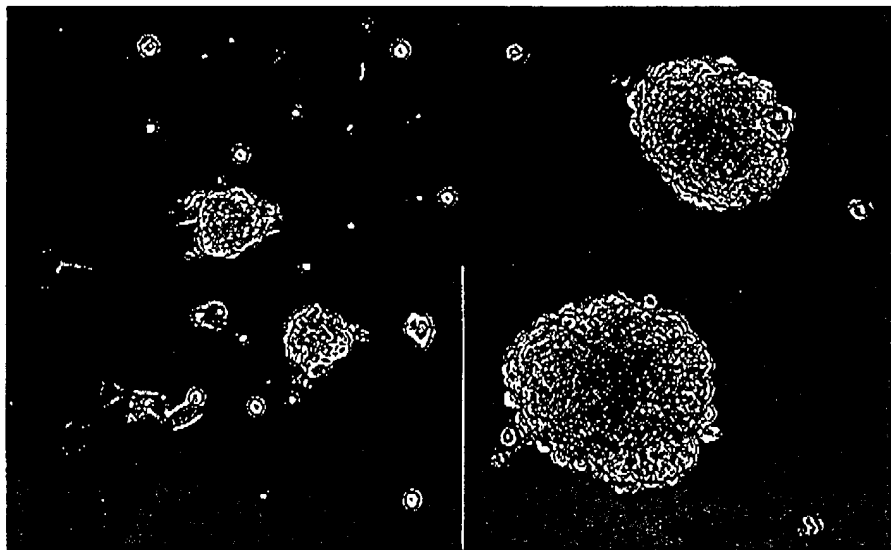
Slower growth
Fewer spheres
Healthy

Media 3
Liver Basal
+ 15% KO-SR
+ TGF α + HGF
+ IGF-I&II
11mM Glucose



Very fast growth
Many sph res
Less healthy

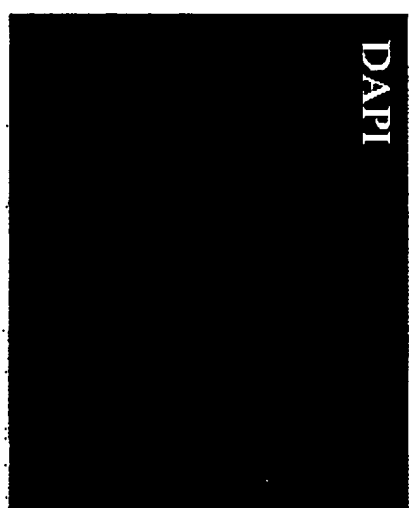
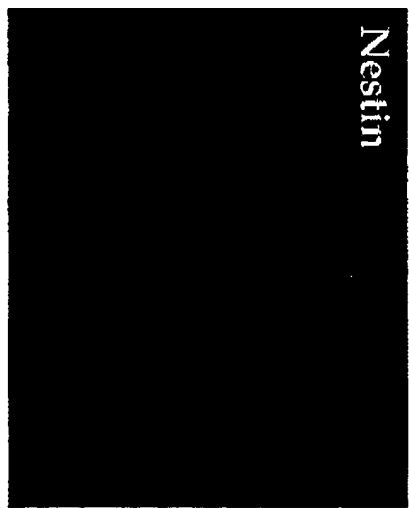
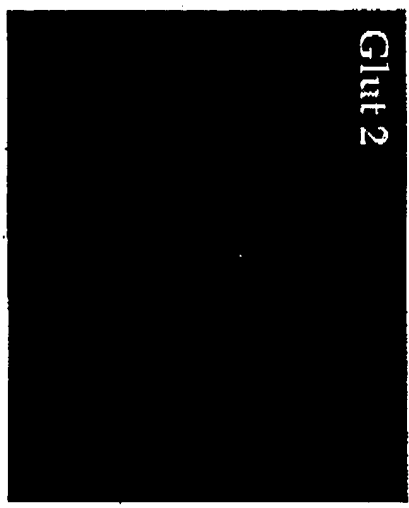
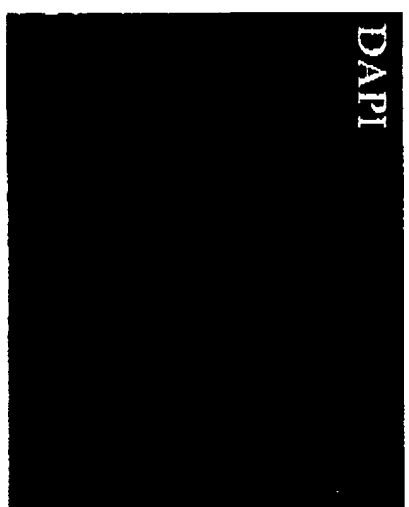
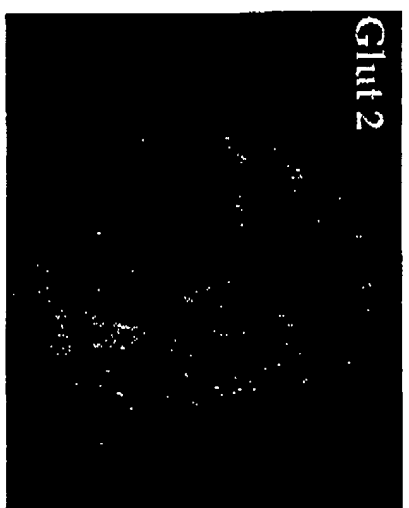
**Neurosphere
Medium
+ Ins + EGF
+ bFGF + LIF
17mM Glucose**



Very healthy
Very slow growth
Few spores

Fig 3

Duct Sphere Cell in Vitro Differentiation - Glut 2 / Nestin

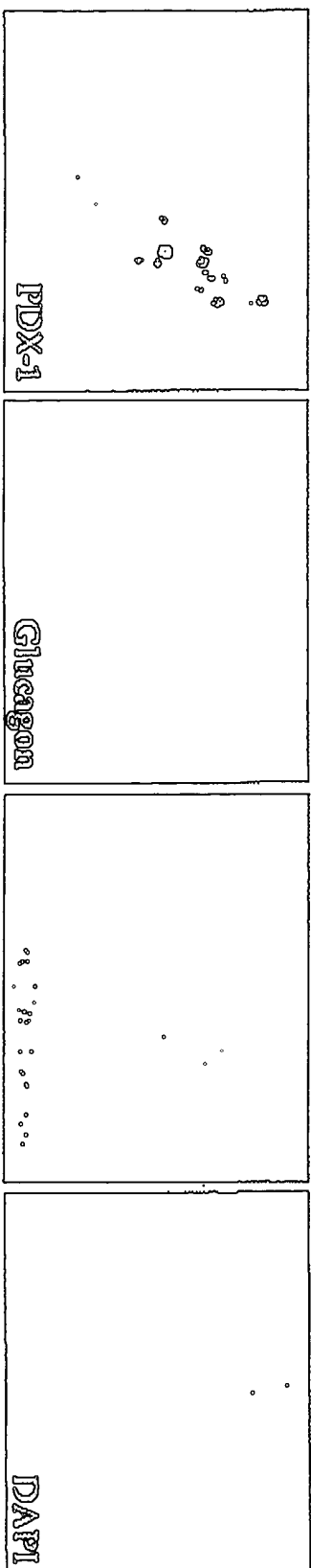


09635370-080900

Fig 44

Duct Sphere Cell in Vitro Differentiation - PDX / Glucagon

Single Cluster



Two Clusters

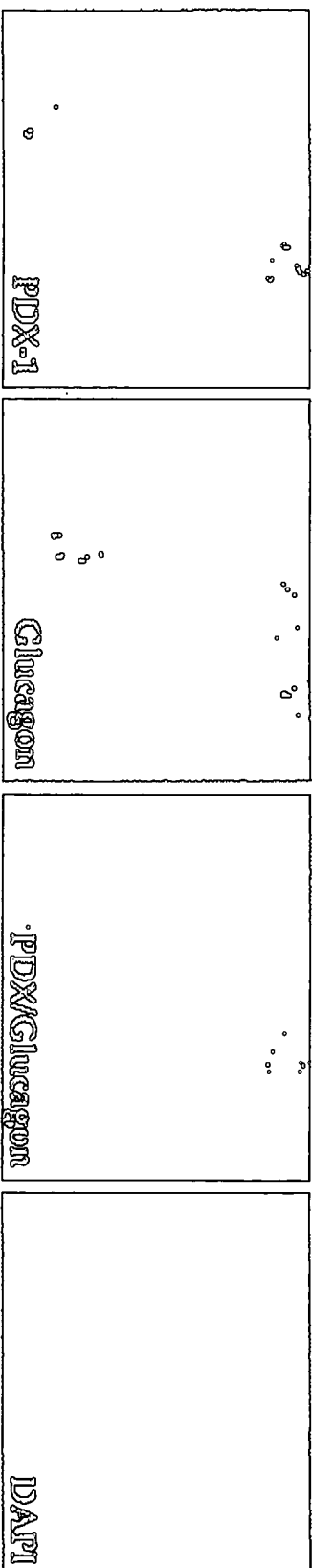
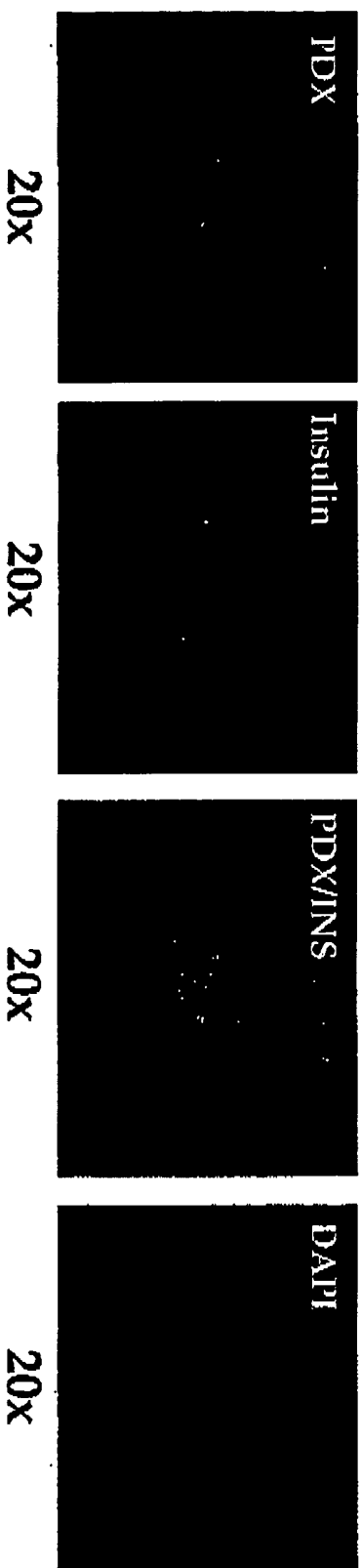
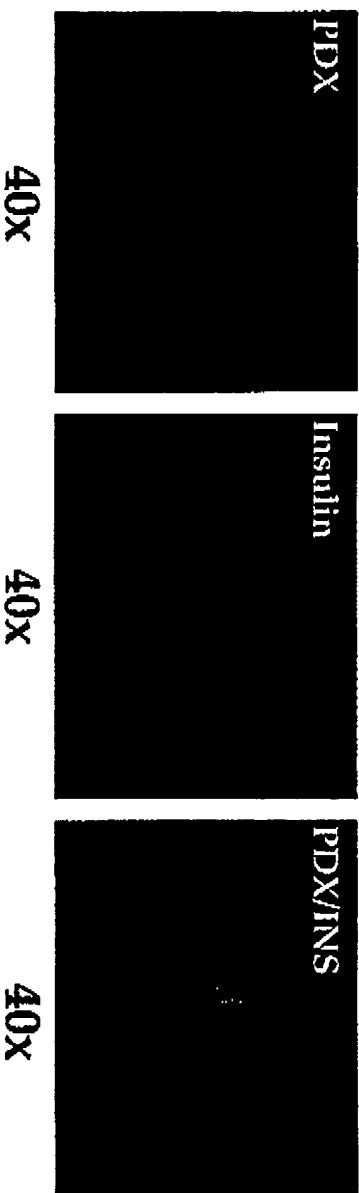


Fig 4b

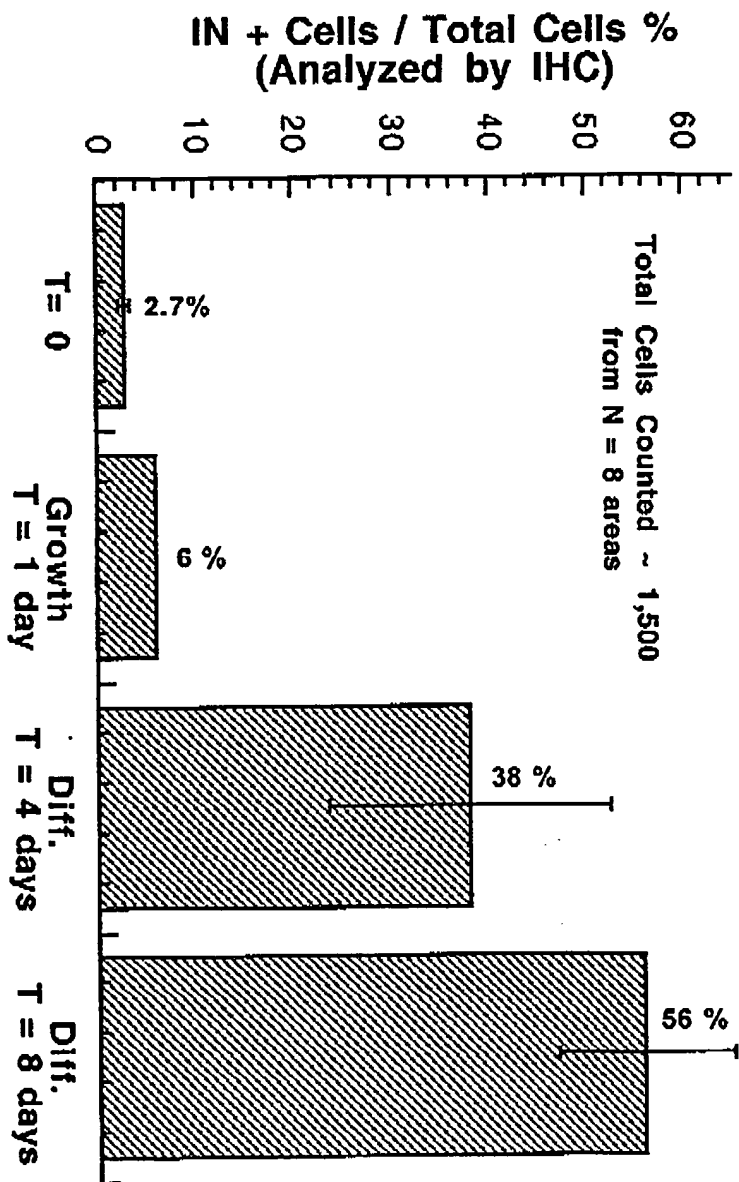
Duct Sphere Cell *in Vitro* Differentiation - PDX / Insulin



CURIS, INC.

August 7, 2000

Figure 46A

**Insulin Positive Cells in Primary Duct Spheres
During Growth and Differentiation in Vitro**

09635370.080900

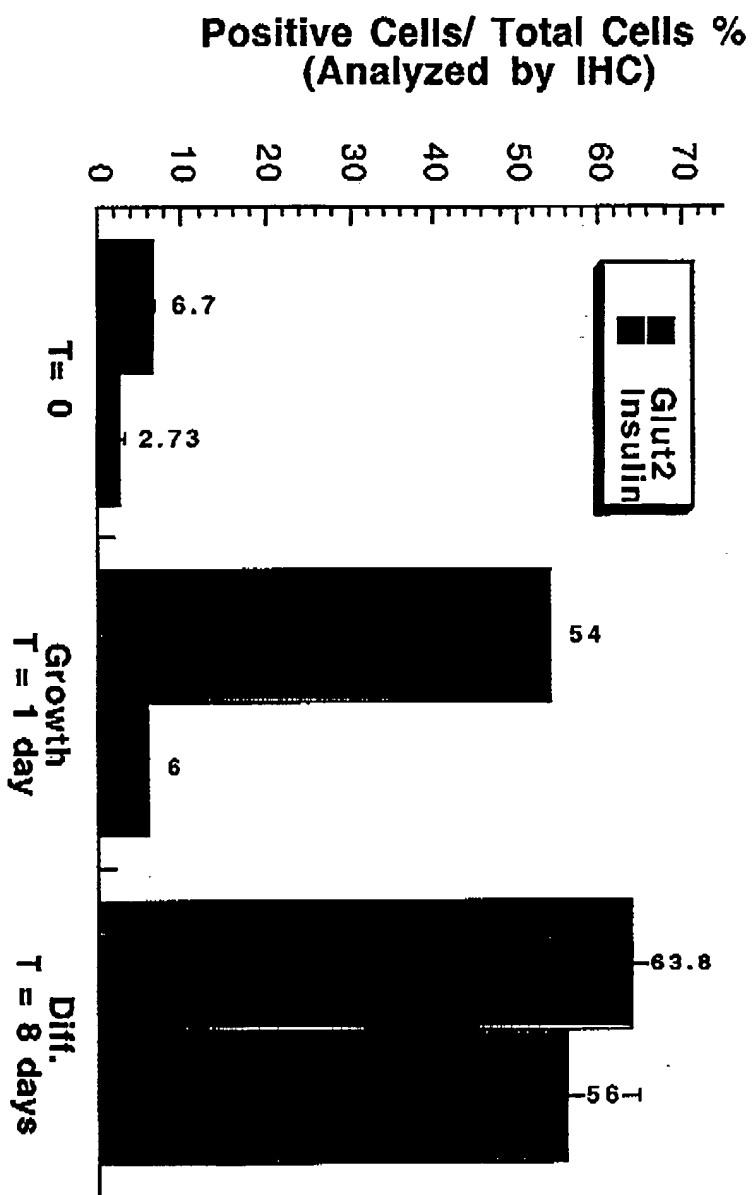
Curis Confidential

CURIS, INC.

August 7, 2000

Figure 46B

**Glut-2 and IN Positive Cells in
Primary Sphere During Growth & Differentiation**



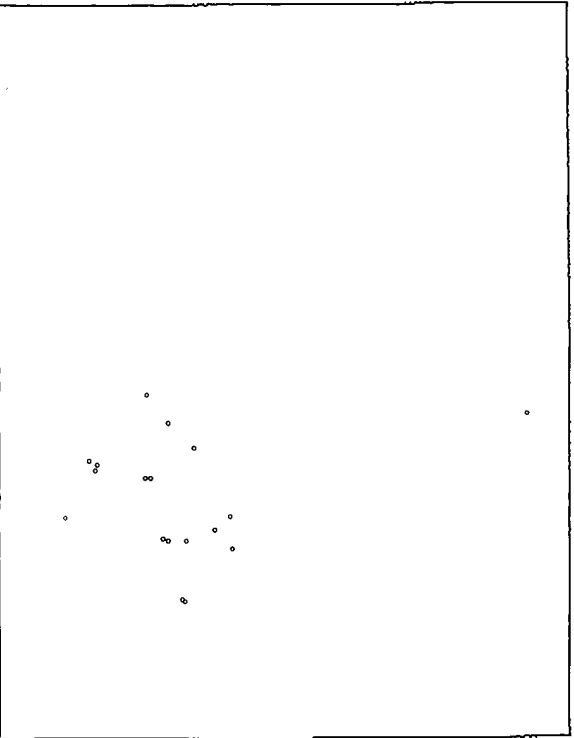
Curis Confidential

00535370-000000

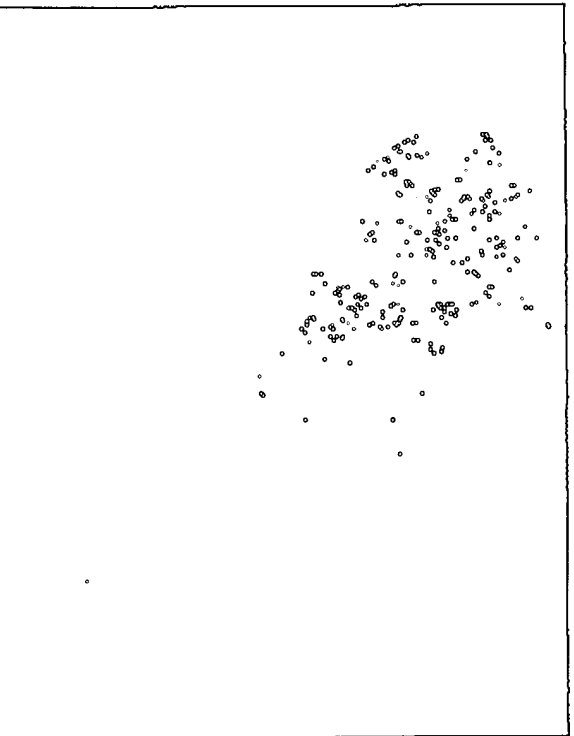
Fig 47

5.19 Spheres on Cytospin Slide (sphere in culture for 24 days)

Nestin



DAPI



Nestin/DAPI

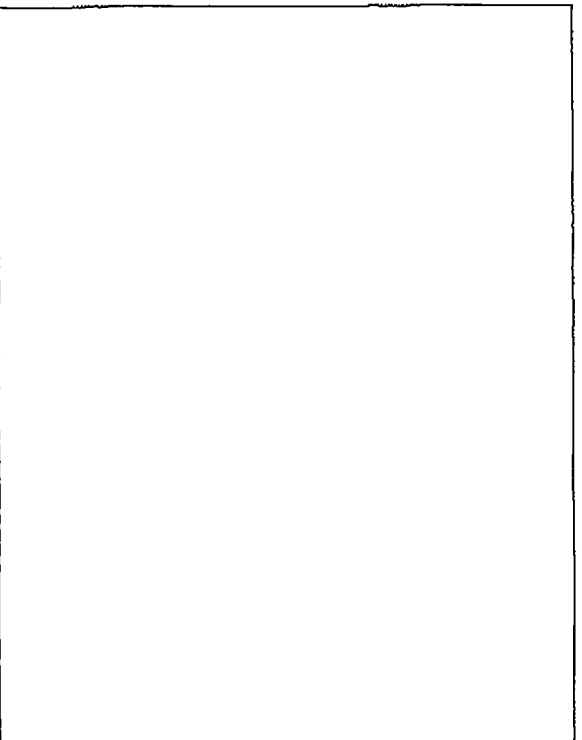


Fig 48

**Table 1: Marker Staining in 5.19-Spheres on Cytospin Slides
(Undifferentiated Cells)**

(Sphere in Culture for 24 Days)

<u>Markers</u>	<u>Positive Cells/total Cells</u>	<u>Ave:</u>
Pdx+	20/627 16/520 10/366 3/493	2.2 +/- 0.4 %
IN+	10/627 8/520 6/366 3/493	0.11 +/- 0.03%
pdx/IN		60%
glut2+	5/562 6/495 2/503	0.82 +/- 0.03%
Nestin+	314/562 222/495 250/503	52 +/- 3.2%
glut2/nestin		0

00635370-080900

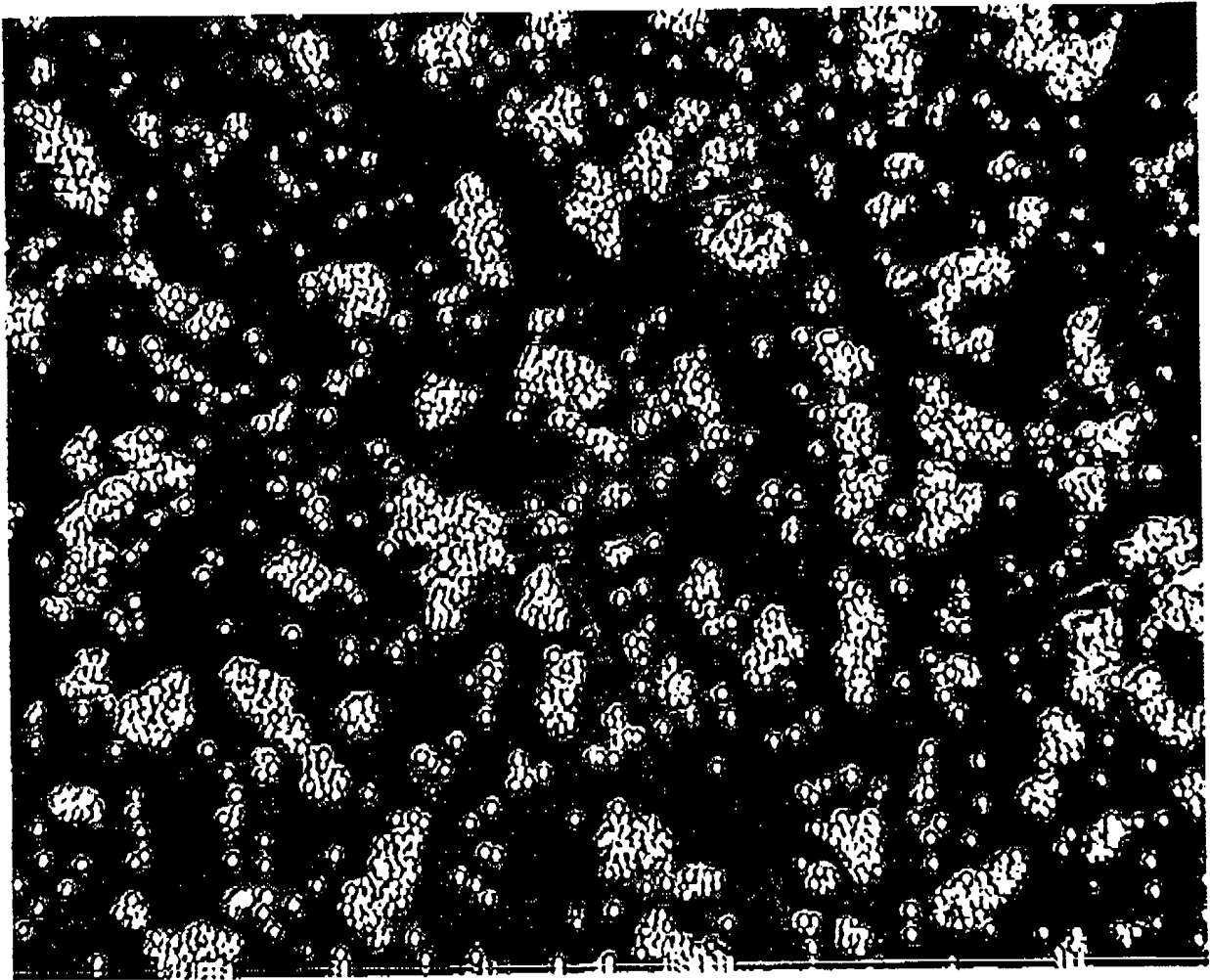


FIG. 49

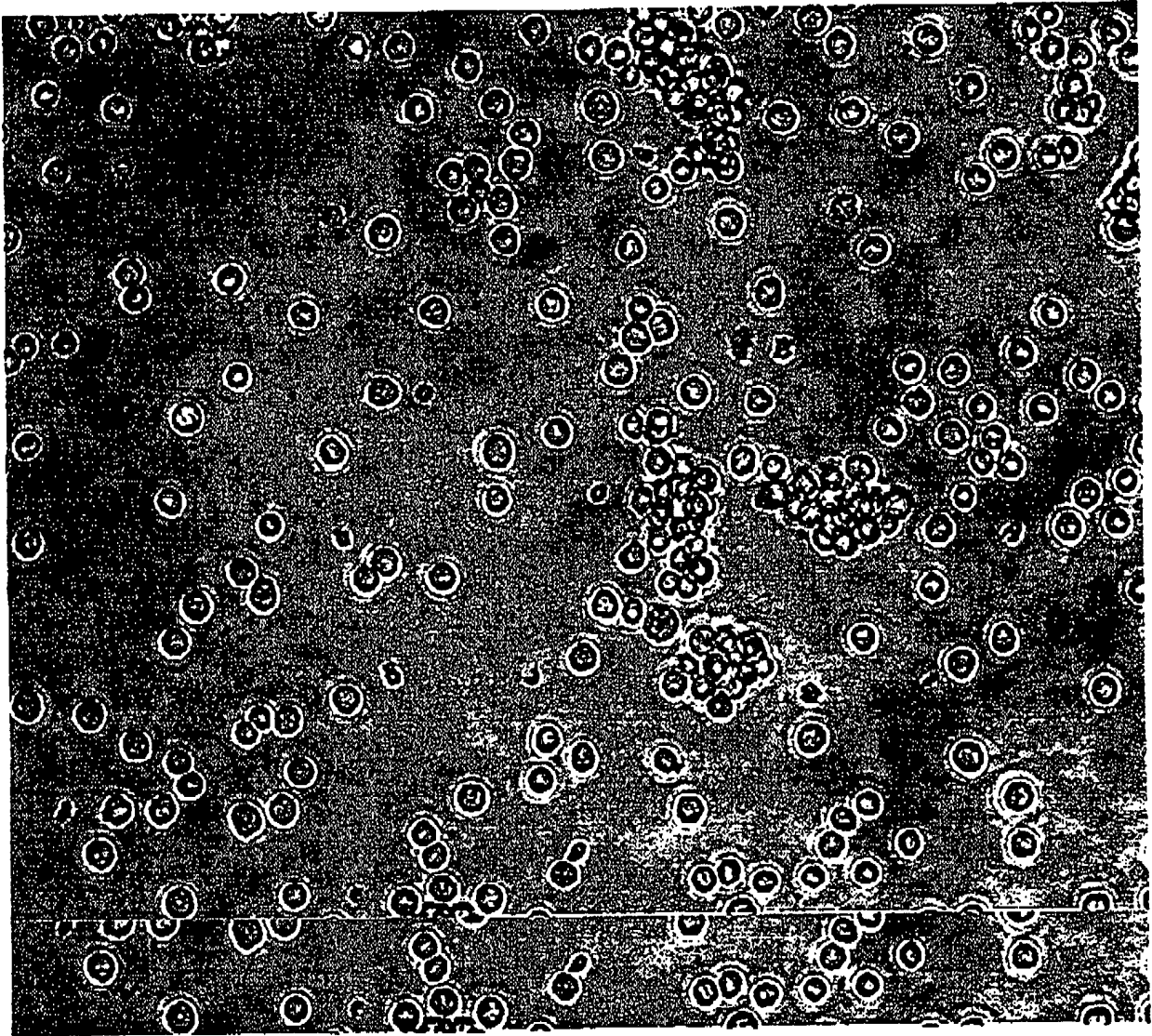


FIG. 50

09635370.080900

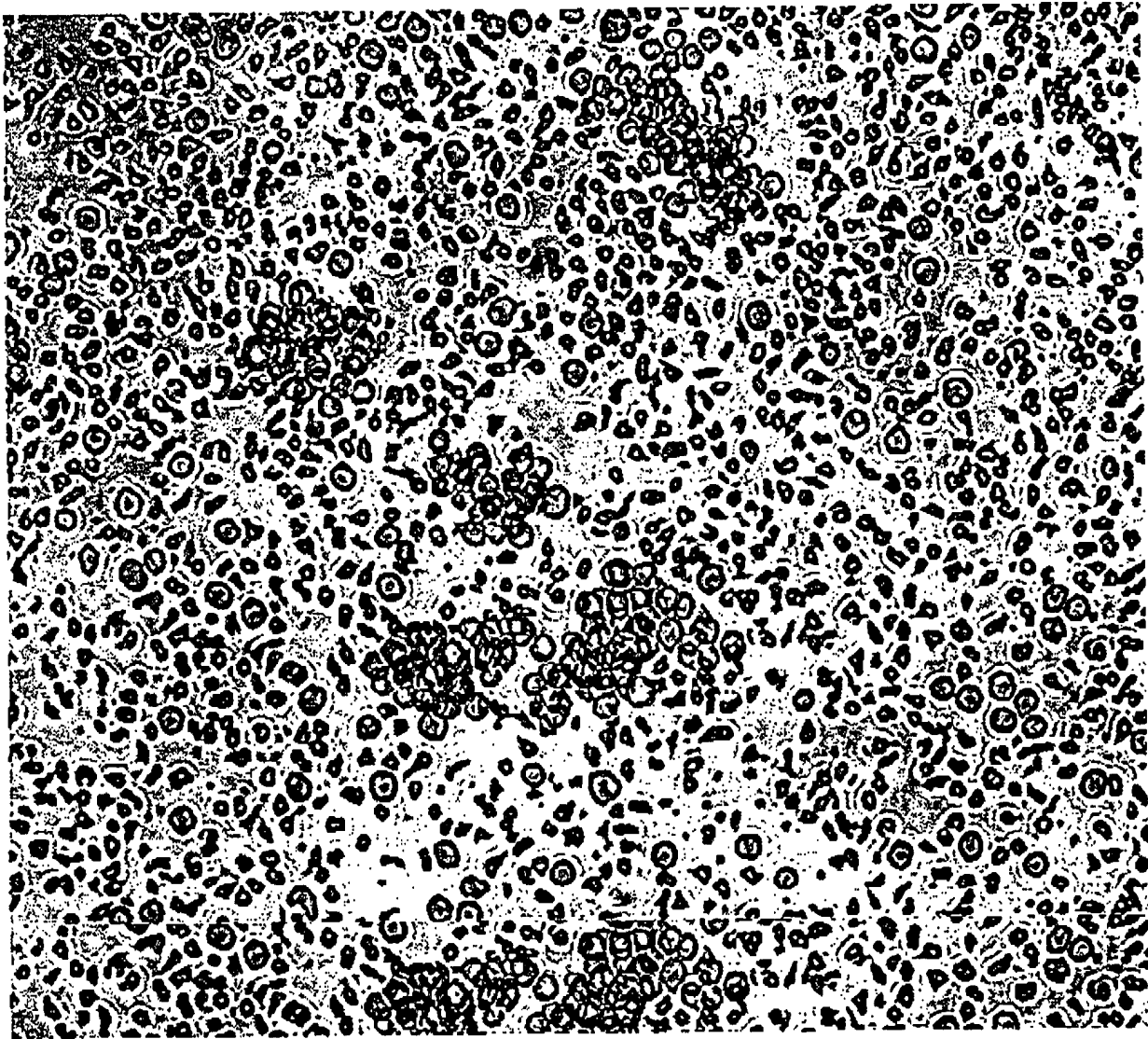
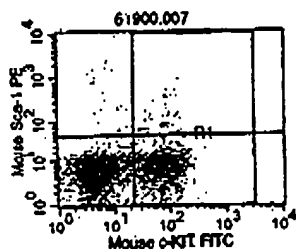


FIG. 5

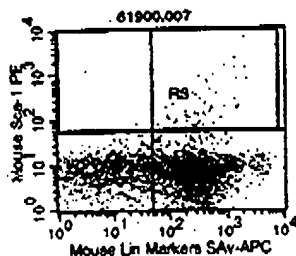
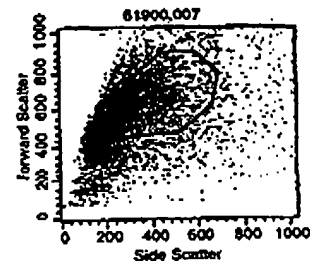
09635370.080900



File: 61900.007
Acquisition Date: 19-Jul-00
Gated Events: 21598
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	115	0.53	0.23
UR	274	1.27	0.55
LL	16629	78.53	33.06
LR	4680	21.67	9.36

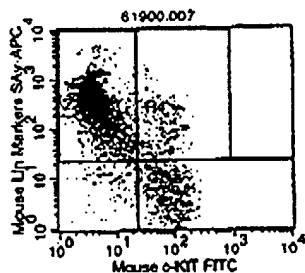
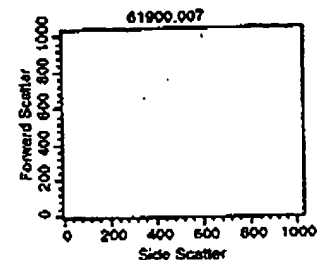
Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)



File: 61900.007
Acquisition Date: 19-Jul-00
Gated Events: 21598
X Parameter: FL4-H Mouse Lin Markers SAV-APC (Log)

Quad	Events	% Gated	% Total
UL	21	0.10	0.04
UR	342	1.58	0.68
LL	4975	23.03	9.95
LR	16260	75.28	32.52

Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE



File: 61900.007
Acquisition Date: 19-Jul-00
Gated Events: 21598
X Parameter: FL1-H Mouse c-KIT FITC (Log)

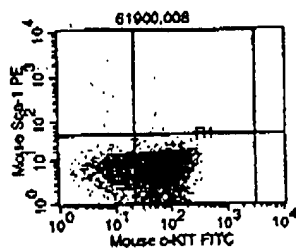
Quad	Events	% Gated	% Total
UL	15966	73.92	31.93
UR	1752	8.11	3.50
LL	703	3.25	1.41
LR	3178	14.71	6.36

Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL4-H Mouse Lin Markers SAV-APC

File: 61900.007
Log Data Units: Linear Values
Acquisition Date: 19-Jul-00
Gate: G5
Gated Events: 28
Total Events: 50000
X Parameter: SSC-H Side Scatter (Linear)
Y Parameter: FSC-H Forward Scatter (Lin)

Gate	Events	% Gated	% Total
G5	28	100.00	0.06
G1	28	100.00	0.06
G2	4	14.29	0.01
G3	28	100.00	0.06
G4	0	0.00	0.00

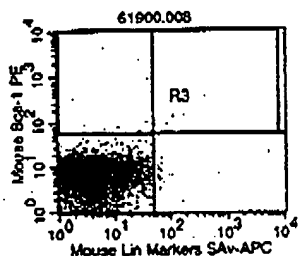
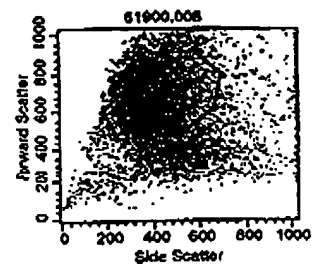
FIG. 52



File: 61900.008
Acquisition Date: 19-Jul-00
Gated Events: 28016
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	33	0.12	0.07
UR	114	0.41	0.23
LL	6026	21.51	12.05
LR	21843	77.87	43.69

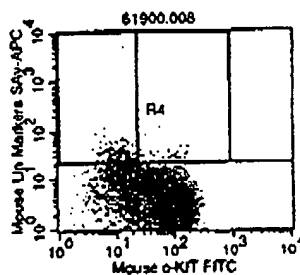
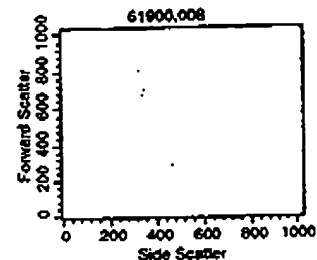
Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)



File: 61900.008
Acquisition Date: 19-Jul-00
Gated Events: 28016
X Parameter: FL4-H Mouse Lin Markers SAw-APC (Log)

Quad	Events	% Gated	% Total
UL	101	0.36	0.20
UR	31	0.11	0.06
LL	27662	98.74	55.32
LR	222	0.79	0.44

Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE



File: 61900.008
Acquisition Date: 19-Jul-00
Gated Events: 28016
X Parameter: FL1-H Mouse c-KIT FITC (Log)

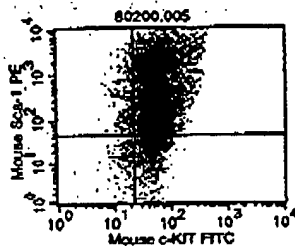
Quad	Events	% Gated	% Total
UL	1062	3.79	2.12
UR	472	1.68	0.94
LL	5088	18.16	10.18
LR	21394	76.36	42.79

Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL4-H Mouse Lin Markers SAw-APC

File: 61900.008
Log Data Units: Linear Values
Acquisition Date: 19-Jul-00
Gate: G5
Gated Events: 193
Total Events: 50000
X Parameter: SSC-H Side Scatter (Linear)
Y Parameter: FSC-H Forward Scatter (Linear)

Gate	Events	% Gated	% Total
G5	193	100.00	0.39
G1	193	100.00	0.39
G2	52	26.94	0.10
G3	193	100.00	0.39
G4	0	0.00	0.00

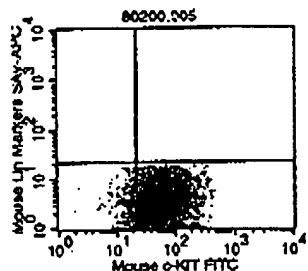
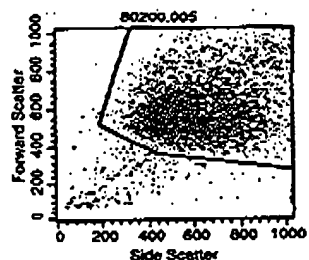
FIG. 53



File: 80200.005
Acquisition Date: 02-Aug-00
Gated Events: 44701
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Log Data Units: Linear Values
Gate: G5
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1

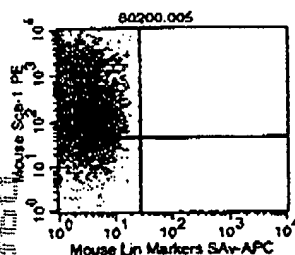
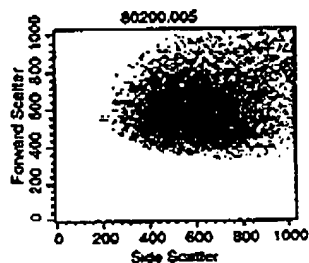
Quad	Events	% Gated	% Total
UL	1466	3.28	2.93
UR	35339	79.06	70.66
LL	1030	2.30	2.06
LR	6886	15.36	13.73



File: 80200.005
Acquisition Date: 02-Aug-00
Gated Events: 44701
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Log Data Units: Linear Values
Gate: G5
Total Events: 50000
Y Parameter: FL4-H Mouse Lin Ma

Quad	Events	% Gated	% Total
UL	0	0.00	0.00
UR	0	0.00	0.00
LL	2079	4.65	4.16
LR	42622	95.35	85.24



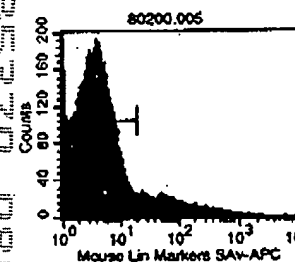
File: 80200.005
Acquisition Date: 02-Aug-00
Gated Events: 44701
X Parameter: FL4-H Mouse Lin Markers SAw-APC (Log)

Log Data Units: Linear Value
Gate: G5
Total Events: 50000
Y Parameter: FL2-H Mouse

Quad	Events	% Gated	% Total
UL	36805	82.34	73.61
UR	0	0.00	0.00
LL	7896	17.66	15.79
LR	0	0.00	0.00

File: 80200.005
Log Data Units: Linear Values
Acquisition Date: 02-Aug-00
Gate: G5
Gated Events: 44701
Total Events: 50000
X Parameter: SSC-H Side Scatter (Linear)
Y Parameter: FSC-H Forward Scatter (Lin)

Gate	Events	% Gated	% Total
G5	44701	100.00	89.40
G1	44701	100.00	89.40
G2	44701	100.00	89.40

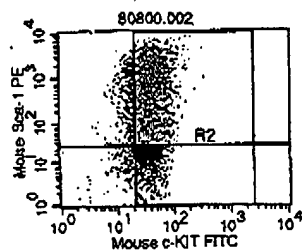


File: 80200.005
Acquisition Date: 02-Aug-00
Gated Events: 48658
X Parameter: FL4-H Mouse Lin Markers SAw-APC (Log)

Log Data Units: Linear V.
Gate: G1
Total Events: 50000

Marker	Left	Right	Events	% Gated	% Total	CV	Median	Peak Ch
All	1	9910	48658	100.00	97.32	580.78	2.67	1

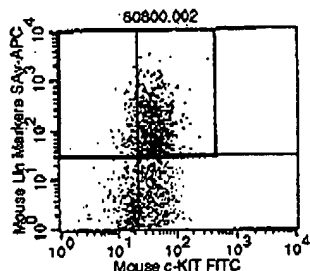
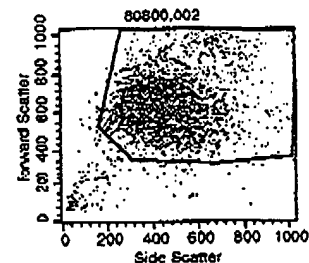
FIG. 54



File: 80800.002
Acquisition Date: 08-Aug-00
Gated Events: 48966
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	2729	5.57	5.48
UR	37046	75.66	74.09
LL	1074	2.19	2.15
LR	8117	16.58	16.23

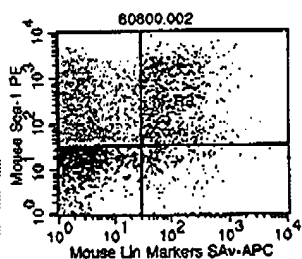
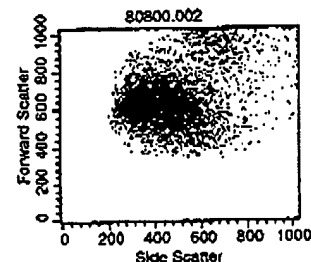
Log Data Units: Linear Values
Gate: G1
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)



File: 80800.002
Acquisition Date: 08-Aug-00
Gated Events: 48966
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	524	1.07	1.05
UR	4287	8.76	8.57
LL	3533	7.22	7.07
LR	40622	82.96	81.24

Log Data Units: Linear Values
Gate: G1
Total Events: 50000
Y Parameter: FL4-H Mouse Lin Markers SAV-APC



File: 80800.002
Acquisition Date: 08-Aug-00
Gated Events: 48966
X Parameter: FL4-H Mouse Lin Markers SAV-APC (Log)

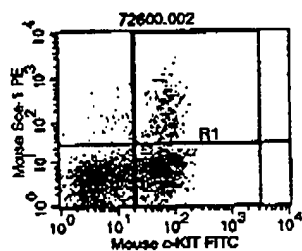
Quad	Events	% Gated	% Total
UL	35790	73.09	71.58
UR	3985	8.14	7.97
LL	8191	16.73	16.38
LR	1000	2.04	2.00

Log Data Units: Linear Values
Gate: G1
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)

File: 80800.002
Log Data Units: Linear Values
Acquisition Date: 08-Aug-00
Gate: G5
Gated Events: 33531
Total Events: 50000
X Parameter: SSC-H Side Scatter (Linear)
Y Parameter: FSC-H Forward Scatter (Lin)

Gate	Events	% Gated	% Total
G5	33531	100.00	67.06
G1	33531	100.00	67.06
G2	33531	100.00	67.06
G3	33531	100.00	67.06
G4	0	0.00	0.00

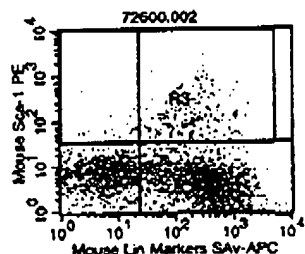
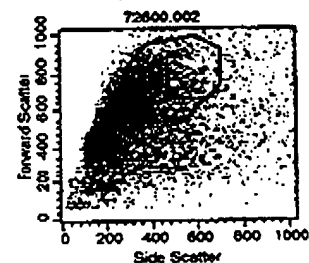
FIG. 55



File: 72600.002
 Acquisition Date: 26-Jul-00
 Gated Events: 16726
 X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	159	0.95	0.22
UR	1194	7.14	2.39
LL	9406	56.24	18.81
LR	5967	35.67	11.93

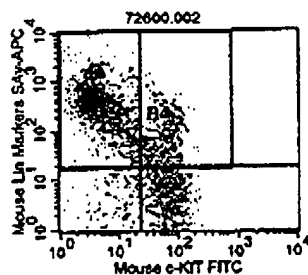
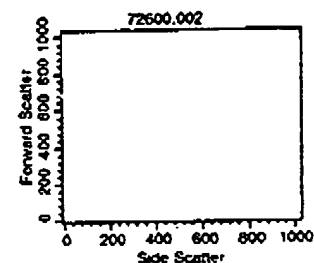
Log Data Units: Linear Values
 Gate: G2
 Total Events: 50000
 Y Parameter: FL2-H Mouse Sca-1 PE (Log)



File: 72600.002
 Acquisition Date: 26-Jul-00
 Gated Events: 16726
 X Parameter: FL4-H Mouse Lin Markers SA-APC (Log)

Quad	Events	% Gated	% Total
UL	118	0.71	0.24
UR	1197	7.16	2.39
LL	4899	29.28	9.80
LR	10512	62.85	21.02

Log Data Units: Linear Values
 Gate: G2
 Total Events: 50000
 Y Parameter: FL2-H Mouse Sca-1 PE



File: 72600.002
 Acquisition Date: 26-Jul-00
 Gated Events: 16726
 X Parameter: FL1-H Mouse c-KIT FITC (Log)

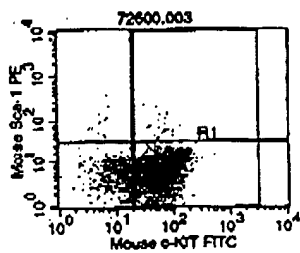
Quad	Events	% Gated	% Total
UL	9077	54.27	18.15
UR	2948	17.61	5.89
LL	794	4.75	1.59
LR	3908	23.37	7.82

Log Data Units: Linear Values
 Gate: G2
 Total Events: 50000
 Y Parameter: FL4-H Mouse Lin Markers SA-APC

File: 72600.002
 Log Data Units: Linear Values
 Acquisition Date: 26-Jul-00
 Gate: G5
 Gated Events: 136
 Total Events: 50000
 X Parameter: SSC-H Side Scatter (Linear)
 Y Parameter: FSC-H Forward Scatter (Lin)

Gate	Events	% Gated	% Total
G5	136	100.00	0.27
G1	136	100.00	0.27
G2	63	46.32	0.13
G3	136	100.00	0.27
G4	0	0.00	0.00

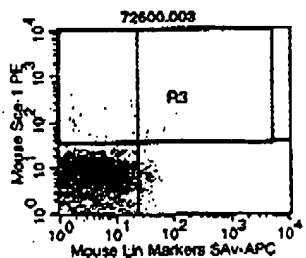
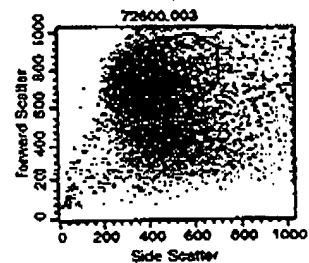
Fig. 56



File: 72600.003
Acquisition Date: 26-Jul-00
Gated Events: 23121
X Parameter: FL1-H Mouse c-KIT FITC (Log)
Y Parameter: FL2-H Mouse Sca-1 PE (Log)

Quad	Events	% Gated	% Total
UL	79	0.82	0.15
UR	471	2.04	0.94
LL	2781	12.03	5.56
LR	19796	85.62	39.59

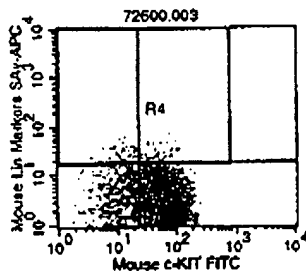
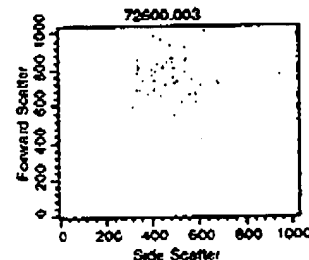
Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)



File: 72600.003
Acquisition Date: 26-Jul-00
Gated Events: 23121
X Parameter: FL4-H Mouse Lin Markers SA-APC (Log)
Y Parameter: FL2-H Mouse Sca-1 PE (Log)

Quad	Events	% Gated	% Total
UL	454	1.96	0.91
UR	40	0.17	0.08
LL	22145	95.78	44.29
LR	482	2.06	0.96

Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)



File: 72600.003
Acquisition Date: 26-Jul-00
Gated Events: 23121
X Parameter: FL1-H Mouse c-KIT FITC (Log)
Y Parameter: FL4-H Mouse Lin Markers SA-APC (Log)

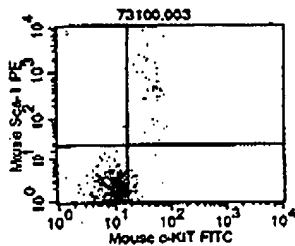
Quad	Events	% Gated	% Total
UL	387	1.67	0.77
UR	529	2.29	1.06
LL	3053	13.20	6.11
LR	19152	82.83	38.30

Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL4-H Mouse Lin Markers SA-APC (Log)

File: 72600.003
Log Data Units: Linear Values
Acquisition Date: 26-Jul-00
Gate: G5
Gated Events: 996
Total Events: 50000
X Parameter: SSC-H Side Scatter (Linear)
Y Parameter: FSC-H Forward Scatter (Lin)

Gate	Events	% Gated	% Total
G5	996	100.00	1.99
G1	996	100.00	1.99
G2	407	40.86	0.81
G3	996	100.00	1.99
G4	0	0.00	0.00

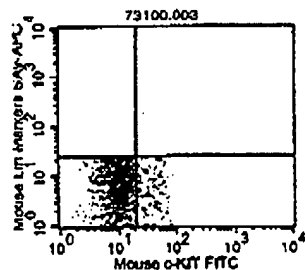
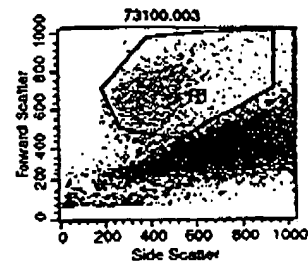
FIG. 87



File: 73100.003
Acquisition Date: 31-Jul-00
Gated Events: 3674
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	18	0.44	0.03
UR	396	10.78	0.79
LL	2912	79.26	5.82
LR	250	9.53	0.70

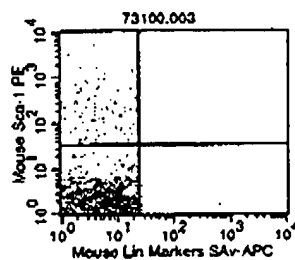
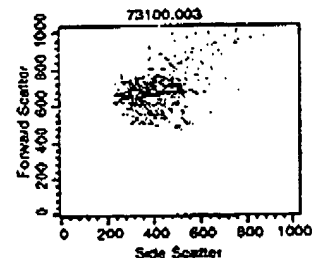
Log Data Units: Linear Values
Gate: G5
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)



File: 73100.003
Acquisition Date: 31-Jul-00
Gated Events: 3674
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	51	1.39	0.10
UR	6	0.16	0.01
LL	3048	82.96	6.10
LR	569	15.49	1.14

Log Data Units: Linear Values
Gate: G5
Total Events: 50000
Y Parameter: FL4-H Mouse Lin Markers SAy-AF



File: 73100.003
Acquisition Date: 31-Jul-00
Gated Events: 3674
X Parameter: FL4-H Mouse Lin Markers SAy-APC (Log)

Quad	Events	% Gated	% Total
UL	397	10.81	0.79
UR	4	0.11	0.01
LL	3175	86.42	6.35
LR	98	2.67	0.20

Log Data Units: Linear Values
Gate: G5
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1

File: 73100.003
Log Data Units: Linear Values
Acquisition Date: 31-Jul-00
Gate: G5
Gated Events: 3674
Total Events: 50000
X Parameter: SSC-H Side Scatter (Linear)
Y Parameter: FSC-H Forward Scatter (Lin)

Gate	Events	% Gated	% Total
G5	3674	100.00	7.35
G1	3674	100.00	7.35
G2	3674	100.00	7.35

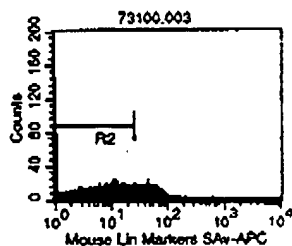
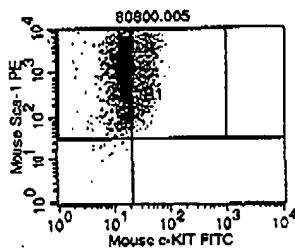


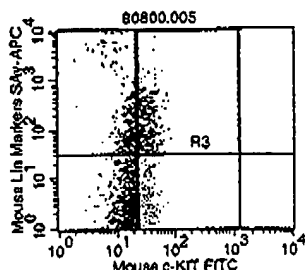
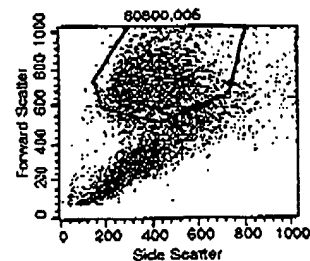
FIG. 107



File: 80800.005
Acquisition Date: 08-Aug-00
Gated Events: 30300
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	11679	38.54	23.36
UR	18505	61.07	37.01
LL	99	0.33	0.20
LR	17	0.06	0.03

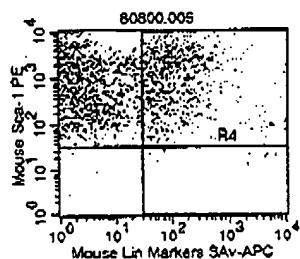
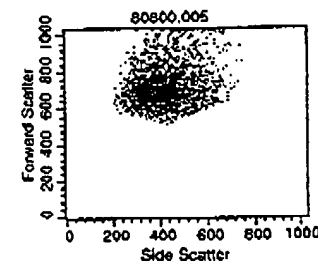
Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)



File: 80800.005
Acquisition Date: 08-Aug-00
Gated Events: 30300
X Parameter: FL1-H Mouse c-KIT FITC (Log)

Quad	Events	% Gated	% Total
UL	1765	5.83	3.53
UR	2486	8.20	4.97
LL	10453	34.50	20.91
LR	15596	51.47	31.19

Log Data Units: Linear Values
Gate: G2
Total Events: 60000
Y Parameter: FL4-H Mouse Lin Markers SAV-APC



File: 80800.005
Acquisition Date: 08-Aug-00
Gated Events: 30300
X Parameter: FL4-H Mouse Lin Markers SAV-APC (Log)

Quad	Events	% Gated	% Total
UL	25874	85.39	51.75
UR	4310	14.22	8.62
LL	72	0.24	0.14
LR	44	0.15	0.09

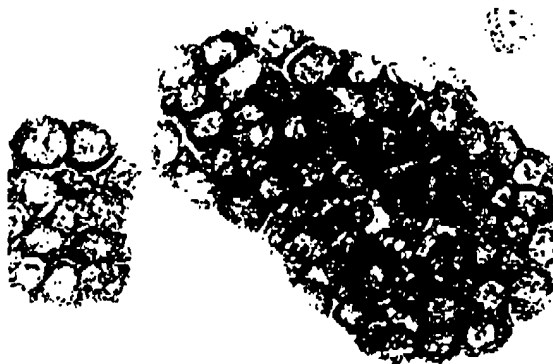
Log Data Units: Linear Values
Gate: G2
Total Events: 50000
Y Parameter: FL2-H Mouse Sca-1 PE (Log)

File: 80800.005
Log Data Units: Linear Values
Acquisition Date: 08-Aug-00
Gate: G5
Gated Events: 14140
Total Events: 50000
X Parameter: SSC-H Side Scatter (Linear)
Y Parameter: FSC-H Forward Scatter (Linear)

Gate	Events	% Gated	% Total
G5	14140	100.00	28.28
G1	14140	100.00	28.28
G2	14140	100.00	28.28
G3	14140	100.00	28.28
G4	0	0.00	0.00

FIG. 59

SCF



SCF, LIF, Flt-3 ligand



May-Grunwald Giemsa Stain

Fig. 14. 60